

WEB DESIGNING AND DEVELOPMENT

Assessment Package

National Vocational
Certificate Level 3

Version 1 - July 2013

Published by

National Vocational and Technical Training Commission
Government of Pakistan

Headquarter

Plot 38, Kirthar Road, Sector H-9/4, Islamabad, Pakistan
www.navttc.org

Responsible

Director General Skills Standard and Curricula, National Vocational and Technical Training Commission
National Deputy Head, TVET Reform Support Programme, Deutsche Gesellschaft für Internationale
Zusammenarbeit (GIZ) GmbH

Layout & design

SAP Communications

Photo Credits

TVET Reform Support Programme

URL links

Responsibility for the content of external websites linked in this publication always lies with their respective publishers. TVET Reform Support Programme expressly dissociates itself from such content.

This document has been produced with the technical assistance of the TVET Reform Support Programme, which is funded by the European Union, the Embassy of the Kingdom of the Netherlands, the Federal Republic of Germany and the Royal Norwegian Embassy and has been commissioned by the German Federal Ministry for Economic Cooperation and Development (BMZ). The Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH in close collaboration with the National Vocational and Technical Training Commission (NAVTTTC) as well as provincial Technical Education and Vocational Training Authorities (TEVTAs), Punjab Vocational Training Council (PVTC), Qualification Awarding Bodies (QABs) and private sector organizations.

Document Version

July, 2013
Islamabad, Pakistan

WEB DESIGNING AND DEVELOPMENT

Assessment Package

National Vocational
Certificate Level 3

Version 1 - July 2013



ASSESSMENT MATERIAL EVIDENCE GUIDE	<h1>WEB DESIGNING AND DEVELOPMENT</h1>
Qualification Web Designing and Development Qualification Code: Level: 2 Credit: 80 Version: 1	

CONTENTS	1. Assessment Summary and Record 2. Candidate Assessment 3. Assessor Judgment Guide 4. List of required tools/equipment, material and context of assessment
-----------------	--

ASSESSMENT AND ASSESSOR DETAILS	Competent <input type="checkbox"/> Not Yet Competent <input type="checkbox"/>																		
	Assessment <input type="checkbox"/> Re-Assessment <input type="checkbox"/>																		
	Assessor's Name _____ Assessor's Code _____ Assessor's Signature _____ Date <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">DD</td> <td style="text-align: center;">MM</td> <td colspan="6"></td> <td style="text-align: center;">YYYY</td> </tr> </table>											DD	MM						
DD	MM							YYYY											

CANDIDATE DETAILS	Candidate's Name _____ <small style="display: flex; justify-content: space-between; width: 100%;">First Name Last Name</small>																				
	Father's Name _____																				
	Institute Name and District _____																				
	CNIC/BFORM # <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>																				
	Registration Number issued by Assessment Body _____																				
	Gender Male <input type="checkbox"/> Female <input type="checkbox"/> Transgender <input type="checkbox"/>																				
Candidate's Consent I agree to the time and date of the assessment and am aware of the requirements of the assessment. I fully understand my rights of appeal.																					
Candidate's Signature _____																					

ASSESSMENT RESULTS SUMMARY FORM	You can use this coversheet as an <i>Assessment Results Summary Form</i> . Simply post a photocopy of this completed coversheet to NAVTTC
--	---

NAVTTCC OFFICE ONLY	1. DATE FORM RECEIVED: <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">DD</td> <td style="text-align: center;">MM</td> <td colspan="6"></td> <td style="text-align: center;">YYYY</td> </tr> </table>											DD	MM							YYYY	2. DATE ENTERED INTO DATABASE: <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">DD</td> <td style="text-align: center;">MM</td> <td colspan="6"></td> <td style="text-align: center;">YYYY</td> </tr> </table>											DD	MM							YYYY
DD	MM							YYYY																																
DD	MM							YYYY																																

1

ASSESSMENT SUMMARY & RECORD

ACTIVITY	METHOD				DESIRED OUTCOMES	RESULT	
	WRITTEN	ORAL	PORTFOLIO	OBSERVATION		COMPETENT	NOT YET COMPETENT
NATURE OF ACTIVITY					DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF QUALIFICATION: WEB DESIGN AND DEVELOPMENT		
Practical Skill Demonstration				✓	<ul style="list-style-type: none"> Design registration form in Dreamweaver or Visual Studio Write JavaScript code for client side validation Create table in database for designed registration form Write server side scripting (Asp.Net or PHP) for already designed registration form Design Mock-ups of webpage by using Adobe Photoshop Develop entity relationship diagram (ERD) of any web project 		
Knowledge Assessment	✓	✓			<ul style="list-style-type: none"> Answer all questions your assessor may have during the practical assessment. 		
Other Requirements			✓		<ul style="list-style-type: none"> Provide verified evidence of a dynamic website with server side programming which provides functionalities such as interacting with users, session management, connecting back end database, generating reports and contents management system 		

2

CANDIDATE ASSESSMENT

Candidate's Name.....Father's Name

ALL WORK ASSESSED IN THIS COMPETENCY STANDARD MUST BE YOUR OWN WORK.

GUIDANCE TO CANDIDATE

To meet this standard you are required to complete the following tasks within **four hours** timeframe:

- Design registration form in Dreamweaver or Visual Studio (as shown in Annexure-1)
- Write JavaScript code for client side validation (already designed form)
- Create table in database for designed registration form
- Write server side scripting (Asp.Net or PHP) for already designed registration form
- Design Mock-ups of webpage using Adobe Photoshop
- Develop entity relationship diagram (ERD) of any web project

Important Note: The following general performance criteria will be followed and performed in all the tasks (where applicable) by the candidate in order to meet this standard.

- ✓ Follow health and safety procedure as per the requirements of given task
- ✓ Prepare work station as per the requirements of task
- ✓ Select tools/ equipment as per the requirements of task
- ✓ Report to supervisor in case of any contingency after taking necessary actions
- ✓ Complete the work by following sequence of operations
- ✓ Perform task(s) within standard timeframe

ACTIVITIES	CANDIDATE RESPONSE
<p>1. Complete practical task of 'Designing and Presenting Final Project' under observation by an assessor</p>	<p>During a practical assessment, under observation by an assessor, I will correctly:</p> <ul style="list-style-type: none"> • Design registration form in Dreamweaver or Visual Studio (as shown in Annexure-1) <ul style="list-style-type: none"> ✓ Create all fields of registration form as per Annexure-1 ✓ Align all labels and text fields of registration form ✓ Use CSS technique in form designing • Write JavaScript code for client side validation (already designed form) <ul style="list-style-type: none"> ✓ Validate text fields if empty using JavaScript ✓ Match pattern of e-mail ID using JavaScript ✓ Validate password by verifying minimum length, alphabets, digits and special characters ✓ Restrict length of text fields using JavaScript • Create table in database for designed registration form <ul style="list-style-type: none"> ✓ Create table for each entity in MySQL ✓ Set data types according to the nature of the field ✓ Set required length of attributes ✓ Set key constraints of the table • Write server side scripting (Asp.net or PHP) for already designed registration form <ul style="list-style-type: none"> ✓ Use correct name of text fields in PHP/Asp.net code ✓ Establish connection with the server to store data in database ✓ Use SQL query to store data in database ✓ Execute query to store data in database and to throw exception ✓ Display meaningful message for successful data storage • Design Mock-ups of webpage using Adobe Photoshop <ul style="list-style-type: none"> ✓ Convert JPG file (as shown in Annexure-2) into PSD file using Adobe Photoshop ✓ Re-size dimensions and resolution of canvas ✓ Change object colour as per Annexure-2 ✓ Use Selection tools for objects extraction from the image ✓ Write text on the canvas ✓ Move objects on the canvas ✓ Use layers palate to differentiate each object ✓ Arrange layers for the organization of objects

	<ul style="list-style-type: none"> ✓ Use Slice tool to create HTML format ✓ Export PSD file into HTML format • Develop entity relationship diagram (ERD) of any web project <ul style="list-style-type: none"> ✓ Recognize the entities of web project ✓ Create boxes for each entity ✓ List attributes of each entity in oval shape ✓ Draw lines to show relationship and label it using a verb ✓ Add relationship type (1:1, 1:many, many:many) among entities • General performance criteria: <ul style="list-style-type: none"> ✓ Follow health and safety procedure as per the requirements of given task ✓ Prepare work station as per the requirements of task ✓ Select tools/ equipment as per the requirements of task ✓ Report to supervisor in case of any contingency after taking necessary actions ✓ Complete the work by following sequence of operations ✓ Perform task(s) within standard timeframe
<p>2. Other requirements</p>	<ul style="list-style-type: none"> • Provide verified evidence of a dynamic website with server side programming which provides functionalities such as interacting with users, session management, connecting back end database, generating reports and contents management system
<p>3. Answer any questions your assessor may have during the practical assessment</p>	<p>My answers to questions are correct and demonstrate my understanding of the topics and their application.</p>

3

ASSESSOR JUDGEMENT GUIDE

Candidate's Name Father's Name.....

INSTRUCTIONS FOR ASSESSOR

This section contains minimum evidence requirements. Oral questioning may be used to clarify candidate understanding of the topic and its application.

ACTIVITIES	MINIMUM EVIDENCE REQUIRED	YES	NO	ASSESSOR COMMENTS
1. Complete practical task of 'Designing and Presenting Final Project' under observation by an assessor	During a practical assessment, under observation by an assessor, the candidate correctly carried out the following tasks:			
Design registration form in Dreamweaver or Visual Studio (as shown in Annexure-1)	Created all fields of registration form as per Annexure-1			
	Aligned all labels and text fields of registration form			
	Used CSS technique in form designing			
Write JavaScript code for client side validation (already designed form)	Validated text fields if empty using JavaScript			
	Matched pattern of e-mail ID using JavaScript			
	Validated password by verifying minimum length, alphabets, digits and special characters			
	Restricted length of text fields using JavaScript			
Create table in database for designed registration form	Created table for each entity in MySQL			
	Set data types according to the nature of the field			
	Set required length of attributes			
	Set key constraints of the table			
Write server side scripting (Asp.net or PHP) for already designed registration form	Used correct name of text fields in PHP/Asp.net code			
	Established connection with the server to store data in database			
	Used SQL query to store data in database			
	Executed query to store data in database and to throw exception			
	Displayed meaningful message for successful data storage			
Design Mock-ups of webpage using Adobe Photoshop	Converted JPG file (as shown in Annexure-2) into PSD file using Adobe Photoshop			
	Re-sized dimensions and resolution of canvas			
	Changed object colour as per Annexure-2			
	Used Selection tools for objects extraction from the image			
	Wrote text on the canvas			
	Moved objects on the canvas			
	Used layers palate to differentiate each object			

	Arranged layers for the organization of objects			
	Used Slice tool to create HTML format			
	Exported PSD file into HTML format			
Develop entity relationship diagram (ERD) of any web project	Recognized the entities of web project			
	Created boxes for each entity			
	List attributes of each entity in oval shape			
	Drew lines to show relationship and labelled it using a verb			
	Added relationship type (1:1, 1:many, many:many) among entities			
General performance criteria	Followed health and safety procedure as per the requirements of given task			
	Prepared work station as per the requirements of task			
	Selected tools/ equipment as per the requirements of task			
	Reported to supervisor in case of any contingency after taking necessary actions			
	Completed the work by following sequence of operations			
	Performed task(s) within standard timeframe			
2. Other requirements	Provided verified evidence of a dynamic website with server side programming which provides functionalities such as interacting with users, session management, connecting back end database, generating reports and contents management system			

<p>3. Answer any questions the assessor may have during the practical assessment</p>	<p>Candidate's answers to questions are correct and demonstrate understanding of the topics and their application.</p> <p>Assessor to document below all questions asked and candidate answers. Use extra sheets if required and attach.</p>			
---	--	--	--	--

4

LIST OF TOOLS, EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT


INSTRUCTIONS	<p>This section contains information regarding;</p> <ul style="list-style-type: none"> Context of the assessment List of required tools and equipment. List of consumable items required during the service
1. Context of Assessment	This task will be performed in real time environment.

2. List of tools and equipment required (for five candidates)		
S. No	Items	Quantity
1	PCs with following software installed (Windows 7, XAMPP server, Visual Studio, Dreamweaver, FileZilla, browsers)	5
2	Internet connection (minimum 1Mbps)	1
3	Antivirus	1

3. List of consumable items required (for five candidates)		
S. No	Items	Quantity
1	N/A	N/A

Signup

Already have an account? [Login.](#)



[Login](#)

Username:

Password:

Confirm Password:

Email Address:

First Name:

Last Name:

I have read the Grooveshark Terms of Service. (opens in a new window)

Signup

Govt Institute Of Information Technology, Rawalpindi

Home Our Institute Courses Faculty Photogallery Contact Us

Our Institute Admission Student Corner Housing

Our Institute

Government Institute of Information Technology, Rawalpindi established in 29/11/2006 and is proud of being the first ever Information Technology Institute of TEVTA by the Punjab Government, which is being managed/supervised by District Manager/Zonal Manager (North), TEVTA Rawalpindi. The institute is the remarkable contribution/services of TEVTA, Govt. of Punjab for people of Rawalpindi District. This institute is affiliated with Punjab Board of Technical Education (PBTE), Lahore, Trade Testing Board (TTB), Lahore and City & Guilds, UK for award of Certifications.

News

- Merit List for Web Designing and Development TEVTA Industry Initiative Program(s to 5 pm)**
September 18th, 2015
- Merit List for Auto CAD TEVTA Industry Initiative Program(s to 9 pm)**
September 18th, 2015
- Merit List for Auto CAD TEVTA Industry Initiative Program(s to 5 pm)**
September 17th, 2015
- Interviews for Hardware and Graphics Designing of Prime Minister Youth Training Scheme is to be conducted on 24-6-2015 at 11:00 AM**
June 13th, 2015

Alerts

Admission Open

- AutoCAD
- CCA
- Spoken English
- Web Designing

Events

No events have been added yet.



ASSESSMENT MATERIAL EVIDENCE GUIDE	<h1>ELABORATE WORLD WIDE WEB</h1>
Qualification Web Designing and Development CS Code: Level: 2 Credit: 7 Version: 1	

CONTENTS	1. Assessment Summary and Record 2. Candidate Assessment 3. Assessor Judgment Guide 4. List of required tools/equipment, material and context of assessment
-----------------	--

ASSESSMENT AND ASSESSOR DETAILS	Competent <input type="checkbox"/> Not Yet Competent <input type="checkbox"/>																		
	Assessment <input type="checkbox"/> Re-Assessment <input type="checkbox"/>																		
	Assessor's Name _____ Assessor's Code _____ Assessor's Signature _____ Date <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">DD</td> <td style="text-align: center;">MM</td> <td colspan="6"></td> <td style="text-align: center;">YYYY</td> </tr> </table>											DD	MM						
DD	MM							YYYY											

CANDIDATE DETAILS	Candidate's Name First Name _____ Last Name _____																				
	Father's Name _____																				
	Institute Name and District _____																				
	CNIC/BFORM # <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>																				
	Registration Number issued by Assessment Body _____																				
	Gender Male <input type="checkbox"/> Female <input type="checkbox"/> Transgender <input type="checkbox"/>																				
Candidate's Consent I agree to the time and date of the assessment and am aware of the requirements of the assessment. I fully understand my rights of appeal.																					
Candidate's Signature _____																					

ASSESSMENT RESULTS SUMMARY FORM	You can use this coversheet as an <i>Assessment Results Summary Form</i> . Simply post a photocopy of this completed coversheet to NAVTTC
--	---

NAVTTCC OFFICE ONLY	1. DATE FORM RECEIVED: <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">DD</td> <td style="text-align: center;">MM</td> <td colspan="4"></td> <td style="text-align: center;">YYYY</td> </tr> </table>									DD	MM					YYYY	2. DATE ENTERED INTO DATABASE: <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">DD</td> <td style="text-align: center;">MM</td> <td colspan="4"></td> <td style="text-align: center;">YYYY</td> </tr> </table>									DD	MM					YYYY
DD	MM					YYYY																										
DD	MM					YYYY																										

1

ASSESSMENT SUMMARY & RECORD

ACTIVITY	METHOD				DESIRED OUTCOMES	RESULT	
	WRITTEN	ORAL	PORTFOLIO	OBSERVATION		COMPETENT	NOT YET COMPETENT
NATURE OF ACTIVITY					DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF COMPETENCY STANDARD: ELABORATE WORLD WIDE WEB		
Practical Skill Demonstration				✓	<ul style="list-style-type: none"> Install Google Chrome or Mozilla Firefox through CD/USB/Internet Install antivirus and scan the computer from viruses Upload any image/webpage from your computer on 000 webhosting by using FileZilla FTP account 		
Knowledge Assessment	✓	✓			<ul style="list-style-type: none"> Answer all questions your assessor may have during the practical assessment. 		
Other Requirements					<ul style="list-style-type: none"> N/A 		

2

CANDIDATE ASSESSMENT

Candidate's Name.....Father's Name

ALL WORK ASSESSED IN THIS COMPETENCY STANDARD MUST BE YOUR OWN WORK.

GUIDANCE TO CANDIDATE

To meet this standard you are required to complete the following tasks within **three hours** timeframe:

- Install Google Chrome or Mozilla Firefox through CD/USB/Internet
- Install antivirus (Microsoft Security Essential) through CD/USB/Internet and scan the computer for viruses
- Upload any image/webpage from your computer on 000 webhosting by using FileZilla FTP account

Important Note: The following general performance criteria will be followed and performed in all the tasks (where applicable) by the candidate in order to meet this standard.

- ✓ Follow health and safety procedure as per the requirements of given task
- ✓ Prepare work station as per the requirements of task
- ✓ Select tools/ equipment as per the requirements of task
- ✓ Report to supervisor in case of any contingency after taking necessary actions
- ✓ Complete the work by following sequence of operations
- ✓ Perform task(s) within standard timeframe

ACTIVITIES	CANDIDATE RESPONSE
<p>1. Complete practical task of 'Elaborating World Wide Web' under observation by an assessor</p>	<p>During a practical assessment, under observation by an assessor, I will correctly:</p> <ul style="list-style-type: none"> • Install Google Chrome or Mozilla Firefox through CD/USB/Internet <ul style="list-style-type: none"> ✓ Run Google Chrome or Mozilla Firefox setup.exe file ✓ Open Google Chrome or Mozilla Firefox • Install antivirus (Microsoft Security Essential) through CD/USB/Internet and scan the computer for viruses <ul style="list-style-type: none"> ✓ Click on Microsoft Security Essential setup.exe file ✓ Scan computer by using Microsoft Security Essential • Upload any image/webpage from your computer on 000 webhosting by using FileZilla FTP account <ul style="list-style-type: none"> ✓ Go to 000 webhosting website ✓ Click on order free webhosting link for new domain ✓ Fill necessary information for creating an account ✓ Access 000 webhosting account via e-mail ✓ Go to cPanel and create FTP account ✓ Upload image/webpage by using FileZilla FTP account • General performance criteria: <ul style="list-style-type: none"> ✓ Follow health and safety procedure as per the requirements of given task ✓ Prepare work station as per the requirements of task ✓ Select tools/ equipment as per the requirements of task ✓ Report to supervisor in case of any contingency after taking necessary actions ✓ Complete the work by following sequence of operations ✓ Perform task(s) within standard timeframe
<p>2. Answer any questions your assessor may have during the practical assessment</p>	<p>My answers to questions are correct and demonstrate my understanding of the topics and their application.</p>

3

ASSESSOR JUDGEMENT GUIDE

Candidate's Name Father's Name.....

INSTRUCTIONS FOR ASSESSOR

This section contains minimum evidence requirements. Oral questioning may be used to clarify candidate understanding of the topic and its application.

ACTIVITIES	MINIMUM EVIDENCE REQUIRED	YES	NO	ASSESSOR COMMENTS
1. Complete practical task of 'Elaborating World Wide Web' under observation by an assessor	During a practical assessment, under observation by an assessor, the candidate correctly carried out the following tasks:			
Install Google Chrome or Mozilla Firefox through CD/USB/Internet	Ran Google Chrome or Mozilla Firefox setup.exe file			
	Opened Google Chrome or Mozilla Firefox			
Install antivirus (Microsoft Security Essential) through CD/USB/Internet and scan the computer for viruses	Clicked on Microsoft Security Essential setup.exe file			
	Scanned computer by using Microsoft Security Essential			
Upload any image/webpage from your computer on 000 webhosting by using FileZilla FTP account	Visited 000 webhosting website			
	Clicked on order free webhosting link for new domain			
	Filled necessary information for creating an account			
	Accessed 000 webhosting account via e-mail			
	Visited cPanel and create FTP account			
	Uploaded image/webpage by using FileZilla FTP account			
General performance criteria	Followed health and safety procedure as per the requirements of given task			
	Prepared work station as per the requirements of task			
	Selected tools/ equipment as per the requirements of task			
	Reported to supervisor in case of any contingency after taking necessary actions			
	Completed the work by following sequence of operations			
	Performed task(s) within standard timeframe			

<p>2. Answer any questions the assessor may have during the practical assessment</p>	<p>Candidate's answers to questions are correct and demonstrate understanding of the topics and their application.</p> <p>Assessor to document below all questions asked and candidate answers. Use extra sheets if required and attach.</p>			
---	--	--	--	--

4

LIST OF TOOLS, EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT

INSTRUCTIONS	<p>This section contains information regarding;</p> <ul style="list-style-type: none"> Context of the assessment List of required tools and equipment. List of consumable items required during the service
1. Context of Assessment	This task will be performed in real time environment.

2. List of tools and equipment required (for five candidates)		
S. No	Items	Quantity
1	PC (windows 7)	5
2	Internet Connection (minimum 1Mbps)	1
3	Google chrome /Mozilla Firefox	5
4	Antivirus	For each PC
5	FileZilla	5

3. List of consumable items required (for five candidates)		
S. No	Items	Quantity
1	N/A	N/A



ASSESSMENT MATERIAL EVIDENCE GUIDE	<h1>DESIGN A WEBSITE</h1>
Qualification Web Designing and Development CS Code: Level: 2 Credit: 14 Version: 1	

CONTENTS	1. Assessment Summary and Record 2. Candidate Assessment 3. Assessor Judgment Guide 4. List of required tools/equipment, material and context of assessment
-----------------	--

ASSESSMENT AND ASSESSOR DETAILS	Competent <input type="checkbox"/> Not Yet Competent <input type="checkbox"/>																		
	Assessment <input type="checkbox"/> Re-Assessment <input type="checkbox"/>																		
	Assessor's Name _____ Assessor's Code _____ Assessor's Signature _____ Date <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">DD</td> <td style="text-align: center;">MM</td> <td colspan="6"></td> <td style="text-align: center;">YYYY</td> </tr> </table>											DD	MM						
DD	MM							YYYY											

CANDIDATE DETAILS	Candidate's Name _____ <small style="display: flex; justify-content: space-between; width: 100%;">First Name Last Name</small>																				
	Father's Name _____																				
	Institute Name and District _____																				
	CNIC/BFORM # <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>																				
	Registration Number issued by Assessment Body _____																				
	Gender Male <input type="checkbox"/> Female <input type="checkbox"/> Transgender <input type="checkbox"/>																				
Candidate's Consent I agree to the time and date of the assessment and am aware of the requirements of the assessment. I fully understand my rights of appeal. Candidate's Signature _____																					

ASSESSMENT RESULTS SUMMARY FORM	You can use this coversheet as an <i>Assessment Results Summary Form</i> . Simply post a photocopy of this completed coversheet to NAVTTC
--	---

NAVTTCC OFFICE ONLY	1. DATE FORM RECEIVED: <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">DD</td> <td style="text-align: center;">MM</td> <td colspan="6"></td> <td style="text-align: center;">YYYY</td> </tr> </table>											DD	MM							YYYY	2. DATE ENTERED INTO DATABASE: <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">DD</td> <td style="text-align: center;">MM</td> <td colspan="6"></td> <td style="text-align: center;">YYYY</td> </tr> </table>											DD	MM							YYYY
DD	MM							YYYY																																
DD	MM							YYYY																																

1

ASSESSMENT SUMMARY & RECORD

ACTIVITY	METHOD				DESIRED OUTCOMES	RESULT	
	WRITTEN	ORAL	PORTFOLIO	OBSERVATION		COMPETENT	NOT YET COMPETENT
NATURE OF ACTIVITY					DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF COMPETENCY STANDARD: DESIGN A WEBSITE		
Practical Skill Demonstration				✓	<ul style="list-style-type: none"> Install and execute web designing software Adobe Photoshop from CD/USB/System Design Mock-ups of webpage in Adobe Photoshop Develop DHTML webpages using Adobe Dreamweaver Apply and edit web templates for designing a website 		
Knowledge Assessment	✓	✓			<ul style="list-style-type: none"> Answer all questions your assessor may have during the practical assessment. 		
Other Requirements					<ul style="list-style-type: none"> N/A 		

2

CANDIDATE ASSESSMENT

Candidate's Name.....Father's Name

ALL WORK ASSESSED IN THIS COMPETENCY STANDARD MUST BE YOUR OWN WORK.

GUIDANCE TO CANDIDATE

To meet this standard you are required to complete the following tasks within **four hours** timeframe:

- Install and execute web designing software Adobe Photoshop from CD/USB/System
- Design Mock-ups of webpage in Adobe Photoshop
- Develop DHTML webpages by using Adobe Dreamweaver from already designed Mock-ups in Adobe Photoshop
- Apply and edit web templates in designing a website

Important Note: The following general performance criteria will be followed and performed in all the tasks (where applicable) by the candidate in order to meet this standard.

- ✓ Follow health and safety procedure as per the requirements of given task
- ✓ Prepare work station as per the requirements of task
- ✓ Select tools/ equipment as per the requirements of task
- ✓ Report to supervisor in case of any contingency after taking necessary actions
- ✓ Complete the work by following sequence of operations
- ✓ Perform task(s) within standard timeframe

ACTIVITIES	CANDIDATE RESPONSE
<p>1. Complete practical task of 'Designing a Website' under observation by an assessor</p>	<p>During a practical assessment, under observation by an assessor, I will correctly:</p> <ul style="list-style-type: none"> • Install and execute web designing software Adobe Photoshop from CD/USB/System <ul style="list-style-type: none"> ✓ Execute the .exe file from the Adobe Photoshop's setup folder ✓ Provide serial key for activation of software registration ✓ Set the root directory for program files of the software ✓ Open a New file in the installed Adobe Photoshop application • Design Mock-ups of webpage in Adobe Photoshop <ul style="list-style-type: none"> ✓ Download JPG web template from Internet ✓ Convert JPG file into PSD file by using Adobe Photoshop ✓ Re-size dimensions and resolution of the Canvas ✓ Change object's colour as per requirement ✓ Use Selection tools for objects extraction from the image ✓ Write text on the Canvas ✓ Move objects on the Canvas ✓ Use Layers to differentiate each object ✓ Arrange Layers for the organization of objects ✓ Use Slice tool to create HTML format ✓ Export PSD file into HTML format • Develop HTML webpages by using Adobe Dreamweaver <ul style="list-style-type: none"> ✓ Define site in Dreamweaver ✓ Use CSS for presentation of HTML pages ✓ Use DIV tag to style the contents of blocks in HTML page ✓ Edit heading styles for text formatting ✓ Use hyperlink to link the webpages ✓ Develop form by using form elements ✓ Test the website in the web browser ✓ Upload the files for hosting on web server • Apply and edit web templates in designing a website <ul style="list-style-type: none"> ✓ Download free web templates from the Internet ✓ Edit text in all pages of any one template as per requirements ✓ Change images of template as per requirements ✓ Change theme of the template

	<ul style="list-style-type: none"> ✓ Test website in the browser ✓ Upload the files for hosting on web server • General performance criteria: <ul style="list-style-type: none"> ✓ Follow health and safety procedure as per the requirements of given task ✓ Prepare work station as per the requirements of task ✓ Select tools/ equipment as per the requirements of task ✓ Report to supervisor in case of any contingency after taking necessary actions ✓ Complete the work by following sequence of operations ✓ Perform task(s) within standard timeframe
<p>2. Answer any questions your assessor may have during the practical assessment</p>	<p>My answers to questions are correct and demonstrate my understanding of the topics and their application.</p>

3

ASSESSOR JUDGEMENT GUIDE

Candidate's Name Father's Name.....

INSTRUCTIONS FOR ASSESSOR

This section contains minimum evidence requirements. Oral questioning may be used to clarify candidate understanding of the topic and its application.

ACTIVITIES	MINIMUM EVIDENCE REQUIRED	YES	NO	ASSESSOR COMMENTS
1. Complete practical task of 'Designing a Website' under observation by an assessor	During a practical assessment, under observation by an assessor, the candidate correctly carried out the following tasks:			
Install and execute web designing software Adobe Photoshop from CD/USB/System	Executed the .exe file from the Adobe Photoshop's setup folder			
	Provided serial key for activation of software registration			
	Set the root directory for program files of the software			
	Opened a New file in the installed Adobe Photoshop application			
Design Mock-ups of webpage in Adobe Photoshop	Downloaded JPG web template from Internet			
	Converted JPG file into PSD file by using Adobe Photoshop			
	Re-sized dimensions and resolution of the Canvas			
	Changed object's colour as per requirement			
	Used Selection tools for objects extraction from the image			
	Wrote text on the Canvas			
	Moved objects on the Canvas			
	Used Layers to differentiate each object			
	Arranged Layers for the organization of objects			
	Used Slice tool to create HTML format			
Exported PSD file into HTML format				
Develop HTML webpages by using Adobe Dreamweaver	Defined site in Dreamweaver			
	Used CSS for presentation of HTML pages			
	Used DIV tag to style the contents of blocks in HTML page			
	Edited heading styles for text formatting			
	Used hyperlink to link the webpages			
	Developed form by using form elements			
	Tested the website in the web browser			
	Uploaded the files for hosting on web server			
Apply and edit web	Downloaded free web templates from the Internet			

templates in designing a website	Edited text in all pages of any one template as per requirements			
	Changed images of template as per requirements			
	Changed theme of the template			
	Tested website in the browser			
	Uploaded the files for hosting on web server			
General performance criteria	Followed health and safety procedure as per the requirements of given task			
	Prepared work station as per the requirements of task			
	Selected tools/ equipment as per the requirements of task			
	Reported to supervisor in case of any contingency after taking necessary actions			
	Completed the work by following sequence of operations			
	Performed task(s) within standard timeframe			

<p>2. Answer any questions the assessor may have during the practical assessment</p>	<p>Candidate's answers to questions are correct and demonstrate understanding of the topics and their application.</p> <p>Assessor to document below all questions asked and candidate answers. Use extra sheets if required and attach.</p>			
---	--	--	--	--

4

LIST OF TOOLS, EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT

INSTRUCTIONS	<p>This section contains information regarding;</p> <ul style="list-style-type: none"> Context of the assessment List of required tools and equipment. List of consumable items required during the service
1. Context of Assessment	This task will be performed in real time environment.

2. List of tools and equipment required (for five candidates)		
S. No	Items	Quantity
1	PCs with UPS	5
2	Internet connection (minimum 1Mbps)	1
3	Google Chrome or Mozilla Firefox web browser	5
4	Antivirus	5
5	Adobe Photoshop and Adobe Dreamweaver	5
6	Scanner	1
7	CD/DVD Writer	5
8	Printer	1

3. List of consumable items required (for five candidates)		
S. No	Items	Quantity
1	Blank CDs	5
2	A4 size pages	As per requirement



ASSESSMENT MATERIAL EVIDENCE GUIDE	<h1>USE DATABASE IN WEB DEVELOPMENT</h1>																																						
Qualification Web Designing and Development CS Code: Level: 2 Credit: 8 Version: 1																																							
CONTENTS	1. Assessment Summary and Record 2. Candidate Assessment 3. Assessor Judgment Guide 4. List of required tools/equipment, material and context of assessment																																						
ASSESSMENT AND ASSESSOR DETAILS	Competent <input type="checkbox"/> Not Yet Competent <input type="checkbox"/>																																						
	Assessment <input type="checkbox"/> Re-Assessment <input type="checkbox"/>																																						
	Assessor's Name _____ Assessor's Code _____ Assessor's Signature _____ Date <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">DD</td> <td style="text-align: center;">MM</td> <td colspan="6"></td> <td style="text-align: center;">YYYY</td> </tr> </table>											DD	MM							YYYY																			
DD	MM							YYYY																															
CANDIDATE DETAILS	Candidate's Name _____ <small style="display: flex; justify-content: space-between; width: 100%;"> First Name Last Name </small>																																						
	Father's Name _____																																						
	Institute Name and District _____																																						
	CNIC/BFORM # <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>																																						
	Registration Number issued by Assessment Body _____																																						
	Gender Male <input type="checkbox"/> Female <input type="checkbox"/> Transgender <input type="checkbox"/>																																						
Candidate's Consent I agree to the time and date of the assessment and am aware of the requirements of the assessment. I fully understand my rights of appeal. Candidate's Signature _____																																							
ASSESSMENT RESULTS SUMMARY FORM	You can use this coversheet as an <i>Assessment Results Summary Form</i> . Simply post a photocopy of this completed coversheet to NAVTTC																																						
NAVTTCC OFFICE ONLY	1. DATE FORM RECEIVED: <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">DD</td> <td style="text-align: center;">MM</td> <td colspan="6"></td> <td style="text-align: center;">YYYY</td> </tr> </table> 2. DATE ENTERED INTO DATABASE: <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">DD</td> <td style="text-align: center;">MM</td> <td colspan="6"></td> <td style="text-align: center;">YYYY</td> </tr> </table>											DD	MM							YYYY											DD	MM							YYYY
DD	MM							YYYY																															
DD	MM							YYYY																															

1

ASSESSMENT SUMMARY & RECORD

ACTIVITY	METHOD				DESIRED OUTCOMES	RESULT	
	WRITTEN	ORAL	PORTFOLIO	OBSERVATION		COMPETENT	NOT YET COMPETENT
NATURE OF ACTIVITY					DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF COMPETENCY STANDARD: USE DATABASE IN WEB DEVELOPMENT		
Practical Skill Demonstration				✓	<ul style="list-style-type: none"> Install and configure XAMPP server for MySQL database from CD/USB/System/Internet Develop Entity Relationship Diagram (ERD) for any web project Create database and write DML statements using phpMyAdmin 		
Knowledge Assessment	✓	✓			<ul style="list-style-type: none"> Answer all questions your assessor may have during the practical assessment. 		
Other Requirements					<ul style="list-style-type: none"> N/A 		

2

CANDIDATE ASSESSMENT

Candidate's Name.....Father's Name

ALL WORK ASSESSED IN THIS COMPETENCY STANDARD MUST BE YOUR OWN WORK.

GUIDANCE TO CANDIDATE

To meet this standard you are required to complete the following tasks within **three hours** timeframe:

- Install and configure XAMPP server for MySQL database from CD/USB/System/Internet
- Develop Entity Relationship Diagram (ERD) for any web project (as shown in Annexure-1)
- Create database and write DML statements from already designed ERD of web project using phpMyAdmin (as shown in Annexure-2)

Important Note: The following general performance criteria will be followed and performed in all the tasks (where applicable) by the candidate in order to meet this standard.

- ✓ Follow health and safety procedure as per the requirements of given task
- ✓ Prepare work station as per the requirements of task
- ✓ Select tools/ equipment as per the requirements of task
- ✓ Report to supervisor in case of any contingency after taking necessary actions
- ✓ Complete the work by following sequence of operations
- ✓ Perform task(s) within standard timeframe

ACTIVITIES	CANDIDATE RESPONSE
<p>1. Complete practical task of 'Using Database in Web Development' under observation by an assessor</p>	<p>During a practical assessment, under observation by an assessor, I will correctly:</p> <ul style="list-style-type: none"> • Install and configure XAMPP server for MySQL database from CD/USB/System/Internet <ul style="list-style-type: none"> ✓ Run the .exe file of XAMPP server ✓ Select the required components to be installed as per requirements ✓ Set the root directory for program files of the software ✓ Open phpMyAdmin and enter the URL://localhost/phpMyAdmin in web browser • Develop Entity Relationship Diagram (ERD) for any web project (as shown in Annexure-1) <ul style="list-style-type: none"> ✓ Recognize the entities of web project ✓ Create boxes for each entity ✓ List attributes of each entity in the oval shape ✓ Draw lines to show relationship and label it by using a verb ✓ Add relationship type (1:1, 1:many, many:many) among entities • Create database and write DML statements from already designed ERD of web project using PhpMyAdmin (as shown in Annexure-2) <ul style="list-style-type: none"> ✓ Create tables for each entity in MySQL ✓ Set data types as nature of the field ✓ Set required length of the attributes ✓ Set key constraints of the tables ✓ Use INSERT query to store records in the database tables ✓ Use SELECT query to retrieve records from database tables ✓ Use WHERE class to extract only those records that fulfil specific criteria ✓ Use Logical operators to filter the records on more than one condition ✓ Use UPDATE query to edit the stored records in the database ✓ Use DELETE query to delete any record from the database ✓ Use LIKE operator to search for specific pattern in the database • General performance criteria: <ul style="list-style-type: none"> ✓ Follow health and safety procedure as per the requirements of given task ✓ Prepare work station as per the requirements of task ✓ Select tools/ equipment as per the requirements of task ✓ Report to supervisor in case of any contingency after taking necessary actions ✓ Complete the work by following sequence of operations ✓ Perform task(s) within standard timeframe

2. Answer any questions your assessor may have during the practical assessment	My answers to questions are correct and demonstrate my understanding of the topics and their application.
---	---

3

ASSESSOR JUDGEMENT GUIDE

Candidate's Name Father's Name.....

INSTRUCTIONS FOR ASSESSOR

This section contains minimum evidence requirements. Oral questioning may be used to clarify candidate understanding of the topic and its application.

ACTIVITIES	MINIMUM EVIDENCE REQUIRED	YES	NO	ASSESSOR COMMENTS
1. Complete practical task of 'Using Database in Web Development' under observation by an assessor	During a practical assessment, under observation by an assessor, the candidate correctly carried out the following tasks:			
Install and configure XAMPP server for MySQL database from CD/USB/System/Internet	Ran the .exe file of XAMPP server			
	Selected the required components to be installed as per requirements			
	Set the root directory for program files of the software			
	Opened phpMyAdmin and entered the URL://localhost/phpMyAdmin in web browser			
Develop Entity Relationship Diagram (ERD) for any web project (as shown in Annexure-1)	Recognized the entities of web project			
	Created boxes for each entity			
	List attributes of each entity in the oval shape			
	Drew lines to show relationship and labelled it by using a verb			
	Added relationship type (1:1, 1:many, many:many) among entities			
Create database and write DML statements from already designed ERD of web project using PhpMyAdmin (as shown in Annexure-2)	Created tables for each entity in MySQL			
	Set data types as nature of the field			
	Set required length of the attributes			
	Set key constraints of the tables			
	Used INSERT query to store records in the database tables			
	Used SELECT query to retrieve records from database tables			
	Used WHERE class to extract only those records that fulfil specific criteria			
	Used Logical operators to filter the records on more than one condition			
	Used UPDATE query to edit the stored records in the database			
	Used DELETE query to delete any record from the database			
General performance criteria	Followed health and safety procedure as per the requirements of given task			
	Prepared work station as per the requirements of task			
	Selected tools/ equipment as per the requirements of task			

	Reported to supervisor in case of any contingency after taking necessary actions			
	Completed the work by following sequence of operations			
	Performed task(s) within standard timeframe			

<p>2. Answer any questions the assessor may have during the practical assessment</p>	<p>Candidate's answers to questions are correct and demonstrate understanding of the topics and their application.</p> <p>Assessor to document below all questions asked and candidate answers. Use extra sheets if required and attach.</p>			
---	--	--	--	--

4

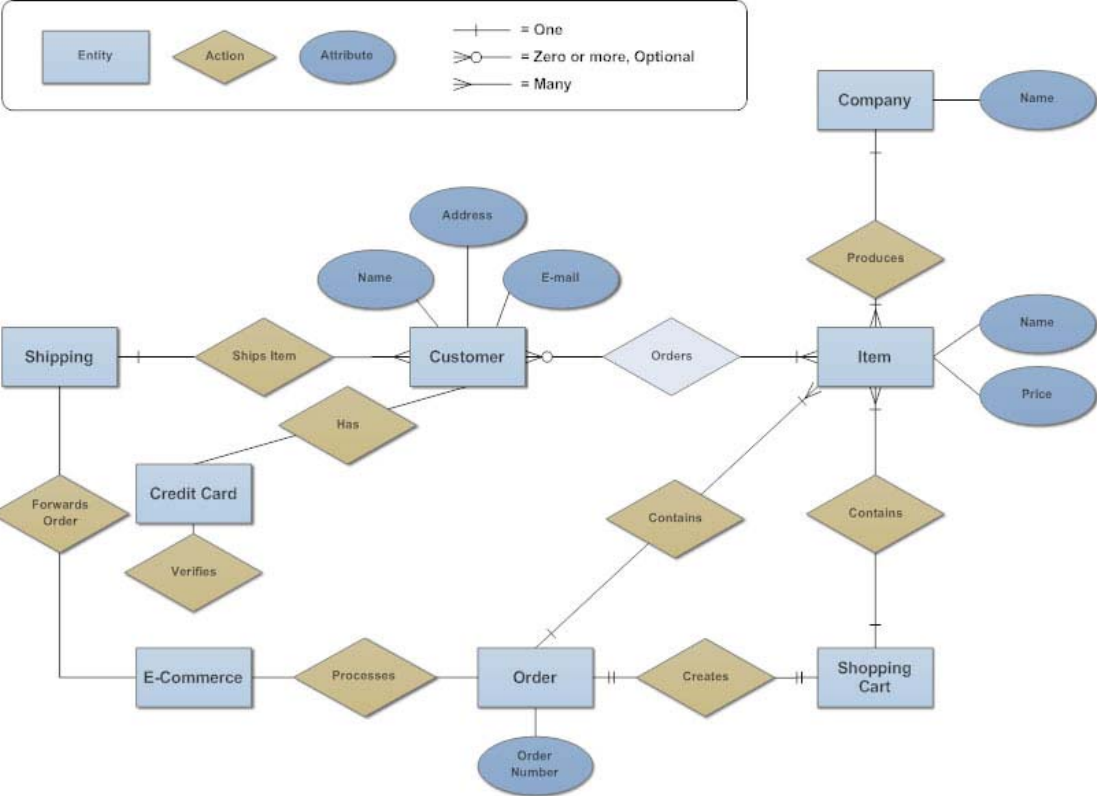
LIST OF TOOLS, EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT

INSTRUCTIONS	<p>This section contains information regarding;</p> <ul style="list-style-type: none"> Context of the assessment List of required tools and equipment. List of consumable items required during the service
1. Context of Assessment	This task will be performed in real time environment.

2. List of tools and equipment required (for five candidates)		
S. No	Items	Quantity
1	PCs with following software installed: Google Chrome or Mozilla Firefox web browser, any registered antivirus software, XAMPP server for MySQL database and having Internet connection with minimum 1Mbps bandwidth	5
2	Scanner	1
3	CD/DVD Writer	5
4	Laser Printer	1

3. List of consumable items required (for five candidates)		
S. No	Items	Quantity
1	Blank CDs	5
2	A4 size pages	As per requirement

Entity Relationship Diagram - Internet Sales Model



Create New Database

New Database:

Modify Databases

Check DB:

Repair DB:

Current Databases

Search

DATABASE	SIZE	USERS	ACTIONS
user_CMSMS	15.71 MB	user_CMSMS <input checked="" type="checkbox"/>	Delete Database
user_a	2.99 MB	user_a <input checked="" type="checkbox"/>	Delete Database

Create Table

Table name:

Structure

Column	Type	Length/Values1	Default2	Collation	Attributes
name	VARCHAR	40	None	utf8_unicode_ci	
address	TEXT	100	None	utf8_unicode_ci	
age	INT	3	None	utf8_unicode_ci	

Table comments:

Storage Engine: Collation:

PARTITION definition:

Or Add column(s)



ASSESSMENT MATERIAL EVIDENCE GUIDE	<h2>DEVELOP WEBSITE USING CLIENT SIDE SCRIPTING LANGUAGES</h2>
Qualification Web Designing and Development CS Code: Level: 2 Credit: 10 Version: 1	

CONTENTS	1. Assessment Summary and Record 2. Candidate Assessment 3. Assessor Judgment Guide 4. List of required tools/equipment, material and context of assessment
-----------------	--

ASSESSMENT AND ASSESSOR DETAILS	Competent <input type="checkbox"/> Not Yet Competent <input type="checkbox"/>																		
	Assessment <input type="checkbox"/> Re-Assessment <input type="checkbox"/>																		
	Assessor's Name _____ Assessor's Code _____ Assessor's Signature _____ Date <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">DD</td> <td style="text-align: center;">MM</td> <td colspan="6"></td> <td style="text-align: center;">YYYY</td> </tr> </table>											DD	MM						
DD	MM							YYYY											

CANDIDATE DETAILS	Candidate's Name _____ <small style="display: flex; justify-content: space-between; width: 100%;">First Name Last Name</small>																				
	Father's Name _____																				
	Institute Name and District _____																				
	CNIC/BFORM # <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>																				
	Registration Number issued by Assessment Body _____																				
	Gender Male <input type="checkbox"/> Female <input type="checkbox"/> Transgender <input type="checkbox"/>																				
Candidate's Consent I agree to the time and date of the assessment and am aware of the requirements of the assessment. I fully understand my rights of appeal. Candidate's Signature _____																					

ASSESSMENT RESULTS SUMMARY FORM	You can use this coversheet as an <i>Assessment Results Summary Form</i> . Simply post a photocopy of this completed coversheet to NAVTTC
--	---

NAVTTCC OFFICE ONLY	1. DATE FORM RECEIVED: <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">DD</td> <td style="text-align: center;">MM</td> <td colspan="6"></td> <td style="text-align: center;">YYYY</td> </tr> </table>											DD	MM							YYYY	2. DATE ENTERED INTO DATABASE: <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">DD</td> <td style="text-align: center;">MM</td> <td colspan="6"></td> <td style="text-align: center;">YYYY</td> </tr> </table>											DD	MM							YYYY
DD	MM							YYYY																																
DD	MM							YYYY																																

1

ASSESSMENT SUMMARY & RECORD

ACTIVITY	METHOD				DESIRED OUTCOMES	RESULT	
	WRITTEN	ORAL	PORTFOLIO	OBSERVATION		COMPETENT	NOT YET COMPETENT
NATURE OF ACTIVITY					DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF COMPETENCY STANDARD: DEVELOP WEBSITE USING CLIENT SIDE SCRIPTING LANGUAGES		
Practical Skill Demonstration				✓	<ul style="list-style-type: none"> • Create static website by using HTML code • Implement Cascading Style Sheet (CSS) for website designing • Use JavaScript for client side validation 		
Knowledge Assessment	✓	✓			<ul style="list-style-type: none"> • Answer all questions your assessor may have during the practical assessment. 		
Other Requirements					<ul style="list-style-type: none"> • N/A 		

2

CANDIDATE ASSESSMENT

Candidate's Name.....Father's Name

ALL WORK ASSESSED IN THIS COMPETENCY STANDARD MUST BE YOUR OWN WORK.

GUIDANCE TO CANDIDATE

To meet this standard you are required to complete the following tasks within **four hours** timeframe:

- Create static website of minimum three webpages using HTML code (as shown in Annexure-1)
- Implement Cascading Style Sheet (CSS) for website designing
- Use JavaScript for client side validation

Important Note: The following general performance criteria will be followed and performed in all the tasks (where applicable) by the candidate in order to meet this standard.

- ✓ Follow health and safety procedure as per the requirements of given task
- ✓ Prepare work station as per the requirements of task
- ✓ Select tools/ equipment as per the requirements of task
- ✓ Report to supervisor in case of any contingency after taking necessary actions
- ✓ Complete the work by following sequence of operations
- ✓ Perform task(s) within standard timeframe

ACTIVITIES	CANDIDATE RESPONSE
<p>1. Complete practical task of 'Developing Website using Client Side Scripting Languages' under observation by an assessor</p>	<p>During a practical assessment, under observation by an assessor, I will correctly:</p> <ul style="list-style-type: none"> • Create static website of minimum three webpages using HTML code (as shown in Annexure-1) <ul style="list-style-type: none"> ✓ Use HTML Title tag in the webpage ✓ Use Formatting tags in the webpage ✓ Use Heading tags in the webpage ✓ Use Link tag to interlink the webpages with each other ✓ Use Image tag to insert images in the webpage ✓ Use DIV tag to style the blocks of content in the HTML page ✓ Use Table tag in HTML page ✓ Use List tag in HTML page ✓ Use Color tag in HTML page ✓ Use Form element to design a form ✓ Use Audio/Video tag to embed media files in the webpage • Implement Cascading Style Sheet (CSS) for website designing <ul style="list-style-type: none"> ✓ Write correct declaration of CSS syntax ✓ Use ID and class in CSS ✓ Style background colour of webpage by using CSS ✓ Set background image of webpage by using CSS ✓ Use text formatting of webpage by using CSS ✓ Use text decorations of webpage in CSS ✓ Create border around object in CSS ✓ Set webpage margins using CSS ✓ Set padding values of table cell/DIV by using CSS ✓ Set position (Absolute, Relative, Static and Fixed) of objects by using CSS ✓ Use float property on the object ✓ Set dimensions of object by using CSS • Use JavaScript for client side validation <ul style="list-style-type: none"> ✓ Validate text fields if empty using JavaScript ✓ Match pattern of email ID using JavaScript ✓ Validate date field using JavaScript ✓ Count characters in address field by using JavaScript ✓ Validate integers in JavaScript ✓ Restrict length of text field in JavaScript

	<ul style="list-style-type: none"> • General performance criteria: <ul style="list-style-type: none"> ✓ Follow health and safety procedure as per the requirements of given task ✓ Prepare work station as per the requirements of task ✓ Select tools/ equipment as per the requirements of task ✓ Report to supervisor in case of any contingency after taking necessary actions ✓ Complete the work by following sequence of operations ✓ Perform task(s) within standard timeframe
<p>2. Answer any questions your assessor may have during the practical assessment</p>	<p>My answers to questions are correct and demonstrate my understanding of the topics and their application.</p>

3

ASSESSOR JUDGEMENT GUIDE

Candidate's Name Father's Name.....

INSTRUCTIONS FOR ASSESSOR

This section contains minimum evidence requirements. Oral questioning may be used to clarify candidate understanding of the topic and its application.

ACTIVITIES	MINIMUM EVIDENCE REQUIRED	YES	NO	ASSESSOR COMMENTS
1. Complete practical task of 'Developing Website using Client Side Scripting Languages' under observation by an assessor	During a practical assessment, under observation by an assessor, the candidate correctly carried out the following tasks:			
Create static website of minimum three webpages using HTML code (as shown in Annexure-1)	Used HTML Title tag in the webpage			
	Used Formatting tags in the webpage			
	Used Heading tags in the webpage			
	Used Link tag to interlink the webpages with each other			
	Used Image tag to insert images in the webpage			
	Used DIV tag to style the blocks of content in the HTML page			
	Used Table tag in HTML page			
	Used List tag in HTML page			
	Used Color tag in HTML page			
	Used Form element to design a form			
	Used Audio/Video tag to embed media files in the webpage			
Implement Cascading Style Sheet (CSS) for website designing	Wrote correct declaration of CSS syntax			
	Used ID and class in CSS			
	Styled background colour of webpage by using CSS			
	Set background image of webpage by using CSS			
	Used text formatting of webpage by using CSS			
	Used text decorations of webpage in CSS			
	Created border around object in CSS			
	Set webpage margins using CSS			
	Set padding values of table cell/DIV by using CSS			
	Set position (Absolute, Relative, Static and Fixed) of objects by using CSS			
	Used float property on the object			

	Set dimensions of object by using CSS			
Use JavaScript for client side validation	Validated text fields if empty using JavaScript			
	Matched pattern of email ID using JavaScript			
	Validated date field using JavaScript			
	Counted characters in address field by using JavaScript			
	Validated integers in JavaScript			
	Restricted length of text field in JavaScript			
General performance criteria	Followed health and safety procedure as per the requirements of given task			
	Prepared work station as per the requirements of task			
	Selected tools/ equipment as per the requirements of task			
	Reported to supervisor in case of any contingency after taking necessary actions			
	Completed the work by following sequence of operations			
	Performed task(s) within standard timeframe			

<p>2. Answer any questions the assessor may have during the practical assessment</p>	<p>Candidate's answers to questions are correct and demonstrate understanding of the topics and their application.</p> <p>Assessor to document below all questions asked and candidate answers. Use extra sheets if required and attach.</p>			
---	--	--	--	--

4

LIST OF TOOLS, EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT

INSTRUCTIONS	<p>This section contains information regarding;</p> <ul style="list-style-type: none"> Context of the assessment List of required tools and equipment. List of consumable items required during the service
1. Context of Assessment	This task will be performed in real time environment.

2. List of tools and equipment required (for five candidates)		
S. No	Items	Quantity
1	PCs with following software installed: Google Chrome or Mozilla Firefox web browser, any registered antivirus software, XAMPP server for MySQL database and having Internet connection with minimum 1Mbps bandwidth	5
2	Scanner	1
3	CD/DVD writer	5
4	Laser printer	1

3. List of consumable items required (for five candidates)		
S. No	Items	Quantity
1	Blank CDs	5
2	A4 size pages	As per requirement





ASSESSMENT MATERIAL

EVIDENCE GUIDE

Qualification
Web Designing and Development
CS Code:
Level: 2
Credit: 20
Version: 1

DEVELOP WEBSITE USING SERVER SIDE SCRIPTING LANGUAGES

CONTENTS

1. Assessment Summary and Record
2. Candidate Assessment
3. Assessor Judgment Guide
4. List of required tools/equipment, material and context of assessment

ASSESSMENT AND ASSESSOR DETAILS

Competent	<input type="checkbox"/>	Not Yet Competent	<input type="checkbox"/>																			
Assessment	<input type="checkbox"/>	Re-Assessment	<input type="checkbox"/>																			
Assessor's Name	Assessor's Code																					
Assessor's Signature	Date	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">DD</td> <td style="text-align: center;">MM</td> <td colspan="6"></td> <td style="text-align: center;">YYYY</td> </tr> </table>												DD	MM							YYYY
DD	MM							YYYY														

CANDIDATE DETAILS

Candidate's Name	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px dashed black;">First Name</td> <td style="width: 50%; border-bottom: 1px dashed black;">Last Name</td> </tr> </table>		First Name	Last Name																		
First Name	Last Name																					
Father's Name																						
Institute Name and District																						
CNIC/BFORM #	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>																					
Registration Number issued by Assessment Body																						
Gender	Male <input type="checkbox"/> Female <input type="checkbox"/> Transgender <input type="checkbox"/>																					
Candidate's Consent	I agree to the time and date of the assessment and am aware of the requirements of the assessment. I fully understand my rights of appeal.																					
Candidate's Signature																						

ASSESSMENT RESULTS SUMMARY FORM

You can use this coversheet as an *Assessment Results Summary Form*. Simply post a photocopy of this completed coversheet to NAVTTC

NAVTTCC OFFICE ONLY

1. DATE FORM RECEIVED:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">DD</td> <td style="text-align: center;">MM</td> <td colspan="4"></td> <td style="text-align: center;">YYYY</td> </tr> </table>									DD	MM					YYYY	2. DATE ENTERED INTO DATABASE:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">DD</td> <td style="text-align: center;">MM</td> <td colspan="4"></td> <td style="text-align: center;">YYYY</td> </tr> </table>									DD	MM					YYYY
DD	MM					YYYY																											
DD	MM					YYYY																											

1

ASSESSMENT SUMMARY & RECORD

ACTIVITY	METHOD				DESIRED OUTCOMES	RESULT	
	WRITTEN	ORAL	PORTFOLIO	OBSERVATION		COMPETENT	NOT YET COMPETENT
NATURE OF ACTIVITY					DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF COMPETENCY STANDARD: DEVELOP WEBSITE USING SERVER SIDE SCRIPTING LANGUAGES		
Practical Skill Demonstration				✓	<ul style="list-style-type: none"> Create login form by using PHP, HTML, CSS Create TreeView controls on submenu item in Asp.Net Retrieve data from database using GridView, DetailView, and FormView in Asp.Net 		
Knowledge Assessment	✓	✓			<ul style="list-style-type: none"> Answer all questions your assessor may have during the practical assessment. 		
Other Requirements					<ul style="list-style-type: none"> N/A 		

2

CANDIDATE ASSESSMENT

Candidate's Name.....Father's Name

ALL WORK ASSESSED IN THIS COMPETENCY STANDARD MUST BE YOUR OWN WORK.

GUIDANCE TO CANDIDATE

To meet this standard you are required to complete the following tasks within **four hours** timeframe:

- Create login form by using PHP, HTML, CSS (as shown in Annexure-1)
- Visitor must be login through login form by authenticating user information from database. After successful login the page will redirect to afterlogin.php page. Visitor must be register if he/she has not been previously registered and the record must be saved in my database on pressing submit button. If visitor visit after login page without login first then page must be redirect to login page
- Create TreeView controls on submenu item in Asp.Net and it should be look like Annexure-2
- Retrieve data from database using GridView, DetailView and FormView in Asp.Net

Important Note: The following general performance criteria will be followed and performed in all the tasks (where applicable) by the candidate in order to meet this standard.

- ✓ Follow health and safety procedure as per the requirements of given task
- ✓ Prepare work station as per the requirements of task
- ✓ Select tools/ equipment as per the requirements of task
- ✓ Report to supervisor in case of any contingency after taking necessary actions
- ✓ Complete the work by following sequence of operations
- ✓ Perform task(s) within standard timeframe

ACTIVITIES	CANDIDATE RESPONSE
<p>1. Complete practical task of 'Developing Website using Server Side Scripting Languages' under observation by an assessor</p>	<p>During a practical assessment, under observation by an assessor, I will correctly:</p> <ul style="list-style-type: none"> • Create login form by using PHP, HTML, CSS (as shown in Annexure-1) <ul style="list-style-type: none"> ✓ Write PHP code for login.php page ✓ Write PHP code for afterlogin.php page ✓ Create database for login page (User-ID primary key, auto increment, User-name, Password 8 char, User-email) • Create TreeView controls on submenu item in Asp.Net and it should be look like Annexure-2 <ul style="list-style-type: none"> ✓ Create new website in Visual Studio titled Navpractice ✓ Create 4 to 5 pages with subpages in above website ✓ Apply CSS style with JavaScript effect on navigation ✓ Apply TreeView controls on submenu item and it should be look like figure in Annexure-2 • Retrieve data from database using GridView, DetailView and FormView in Asp.Net Open Visual Studio and create new webpage <ul style="list-style-type: none"> ✓ Create new database titled DataServerControl in server explorer ✓ Create country table which have c-id and c-name field ✓ Create province table which have p-id, p-name and c-id field ✓ Create relationship of both tables with the help of keys ✓ Insert data of the above tables ✓ Create new webpage in website titled DataServerControl ✓ Retrieve all data from database using GridView, DetailView and FormView • General performance criteria: <ul style="list-style-type: none"> ✓ Follow health and safety procedure as per the requirements of given task ✓ Prepare work station as per the requirements of task ✓ Select tools/ equipment as per the requirements of task ✓ Report to supervisor in case of any contingency after taking necessary actions ✓ Complete the work by following sequence of operations ✓ Perform task(s) within standard timeframe

2. Answer any questions your assessor may have during the practical assessment	My answers to questions are correct and demonstrate my understanding of the topics and their application.
---	---

3

ASSESSOR JUDGEMENT GUIDE

Candidate's Name Father's Name.....

INSTRUCTIONS FOR ASSESSOR

This section contains minimum evidence requirements. Oral questioning may be used to clarify candidate understanding of the topic and its application.

ACTIVITIES	MINIMUM EVIDENCE REQUIRED	YES	NO	ASSESSOR COMMENTS
1. Complete practical task of 'Developing Website using Server Side Scripting Languages' under observation by an assessor	During a practical assessment, under observation by an assessor, the candidate correctly carried out the following tasks:			
	<p>Create login form by using PHP, HTML, CSS (as shown in Annexure-1)</p> <p>Create TreeView controls on submenu item in Asp.Net and it should be look like Annexure-2</p> <p>Retrieve data from database using GridView, DetailView and FormView in Asp.Net Open Visual Studio and create new webpage</p> <p>General performance criteria</p>	<p>Wrote PHP code for login.php page</p> <p>Wrote PHP code for afterlogin.php page</p> <p>Created database for login page (User-ID primary key, auto increment, User-name, Password 8 char, User-email)</p> <p>Created new website in Visual Studio titled Navpractice</p> <p>Created 4 to 5 pages with subpages in above website</p> <p>Applied CSS style with JavaScript effect on navigation</p> <p>Applied TreeView controls on submenu item and it should be look like figure in Annexure-2</p> <p>Created new database titled DataServerControl in server explorer</p> <p>Created country table which have c-id and c-name field</p> <p>Created province table which have p-id, p-name and c-id field</p> <p>Created relationship of both tables with the help of keys</p> <p>Inserted data of the above tables</p> <p>Created new webpage in website titled DataServerControl</p> <p>Retrieved all data from database using GridView, DetailView and FormView</p> <p>Followed health and safety procedure as per the requirements of given task</p> <p>Prepared work station as per the requirements of task</p> <p>Selected tools/ equipment as per the requirements of task</p> <p>Reported to supervisor in case of any contingency after taking necessary actions</p> <p>Completed the work by following sequence of operations</p> <p>Performed task(s) within standard timeframe</p>		

<p>2. Answer any questions the assessor may have during the practical assessment</p>	<p>Candidate's answers to questions are correct and demonstrate understanding of the topics and their application.</p> <p>Assessor to document below all questions asked and candidate answers. Use extra sheets if required and attach.</p>			
---	--	--	--	--

4

LIST OF TOOLS, EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT

INSTRUCTIONS	<p>This section contains information regarding;</p> <ul style="list-style-type: none"> Context of the assessment List of required tools and equipment. List of consumable items required during the service
1. Context of Assessment	This task will be performed in real time environment.

2. List of tools and equipment required (for five candidates)		
S. No	Items	Quantity
1	PCs with following software installed (Windows 7, XAMPP server, Visual Studio, Dreamweaver, FileZilla, browsers)	5
2	Internet connection (minimum 1Mbps)	1
3	Antivirus	1

3. List of consumable items required (for five candidates)		
S. No	Items	Quantity
1	N/A	N/A

The image shows a web form titled "Register or Sign In" with a light green background. It is divided into two main sections. The left section is for registration, featuring a "Username" input field, a password field with masked characters (*****), and a "Login" button. The right section is for signing in, featuring a "Username" input field, an "Email" input field, a password field with masked characters (*****), and a "Submit" button.





ASSESSMENT MATERIAL EVIDENCE GUIDE	<h1>DESIGN AND PRESENT FINAL PROJECT</h1>																																								
Qualification Web Designing and Development CS Code: Level: 2 Credit: 10 Version: 1																																									
CONTENTS	1. Assessment Summary and Record 2. Candidate Assessment 3. Assessor Judgment Guide 4. List of required tools/equipment, material and context of assessment																																								
ASSESSMENT AND ASSESSOR DETAILS	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Competent <input type="checkbox"/></td> <td style="width: 50%;">Not Yet Competent <input type="checkbox"/></td> </tr> <tr> <td>Assessment <input type="checkbox"/></td> <td>Re-Assessment <input type="checkbox"/></td> </tr> <tr> <td>Assessor's Name _____</td> <td>Assessor's Code _____</td> </tr> <tr> <td>Assessor's Signature _____</td> <td>Date <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">DD</td> <td style="text-align: center;">MM</td> <td colspan="6"></td> <td style="text-align: center;">YYYY</td> </tr> </table> </td> </tr> </table>	Competent <input type="checkbox"/>	Not Yet Competent <input type="checkbox"/>	Assessment <input type="checkbox"/>	Re-Assessment <input type="checkbox"/>	Assessor's Name _____	Assessor's Code _____	Assessor's Signature _____	Date <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">DD</td> <td style="text-align: center;">MM</td> <td colspan="6"></td> <td style="text-align: center;">YYYY</td> </tr> </table>											DD	MM							YYYY													
Competent <input type="checkbox"/>	Not Yet Competent <input type="checkbox"/>																																								
Assessment <input type="checkbox"/>	Re-Assessment <input type="checkbox"/>																																								
Assessor's Name _____	Assessor's Code _____																																								
Assessor's Signature _____	Date <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">DD</td> <td style="text-align: center;">MM</td> <td colspan="6"></td> <td style="text-align: center;">YYYY</td> </tr> </table>											DD	MM							YYYY																					
DD	MM							YYYY																																	
CANDIDATE DETAILS	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Candidate's Name</td> <td>_____</td> </tr> <tr> <td></td> <td style="text-align: center;">First Name Last Name</td> </tr> <tr> <td>Father's Name</td> <td>_____</td> </tr> <tr> <td>Institute Name and District</td> <td>_____</td> </tr> <tr> <td>CNIC/BFORM #</td> <td><table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table> </td> </tr> <tr> <td>Registration Number issued by Assessment Body</td> <td>_____</td> </tr> <tr> <td>Gender</td> <td>Male <input type="checkbox"/> Female <input type="checkbox"/> Transgender <input type="checkbox"/></td> </tr> <tr> <td>Candidate's Consent</td> <td>I agree to the time and date of the assessment and am aware of the requirements of the assessment. I fully understand my rights of appeal.</td> </tr> <tr> <td>Candidate's Signature</td> <td>_____</td> </tr> </table>	Candidate's Name	_____		First Name Last Name	Father's Name	_____	Institute Name and District	_____	CNIC/BFORM #	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>																					Registration Number issued by Assessment Body	_____	Gender	Male <input type="checkbox"/> Female <input type="checkbox"/> Transgender <input type="checkbox"/>	Candidate's Consent	I agree to the time and date of the assessment and am aware of the requirements of the assessment. I fully understand my rights of appeal.	Candidate's Signature	_____		
Candidate's Name	_____																																								
	First Name Last Name																																								
Father's Name	_____																																								
Institute Name and District	_____																																								
CNIC/BFORM #	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>																																								
Registration Number issued by Assessment Body	_____																																								
Gender	Male <input type="checkbox"/> Female <input type="checkbox"/> Transgender <input type="checkbox"/>																																								
Candidate's Consent	I agree to the time and date of the assessment and am aware of the requirements of the assessment. I fully understand my rights of appeal.																																								
Candidate's Signature	_____																																								
ASSESSMENT RESULTS SUMMARY FORM	You can use this coversheet as an <i>Assessment Results Summary Form</i> . Simply post a photocopy of this completed coversheet to NAVTTC																																								
NAVTTCC OFFICE ONLY	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">1. DATE FORM RECEIVED: <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">DD</td> <td style="text-align: center;">MM</td> <td colspan="6"></td> <td style="text-align: center;">YYYY</td> </tr> </table></td> <td style="width: 50%;">2. DATE ENTERED INTO DATABASE: <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">DD</td> <td style="text-align: center;">MM</td> <td colspan="6"></td> <td style="text-align: center;">YYYY</td> </tr> </table></td> </tr> </table>	1. DATE FORM RECEIVED: <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">DD</td> <td style="text-align: center;">MM</td> <td colspan="6"></td> <td style="text-align: center;">YYYY</td> </tr> </table>											DD	MM							YYYY	2. DATE ENTERED INTO DATABASE: <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">DD</td> <td style="text-align: center;">MM</td> <td colspan="6"></td> <td style="text-align: center;">YYYY</td> </tr> </table>											DD	MM							YYYY
1. DATE FORM RECEIVED: <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">DD</td> <td style="text-align: center;">MM</td> <td colspan="6"></td> <td style="text-align: center;">YYYY</td> </tr> </table>											DD	MM							YYYY	2. DATE ENTERED INTO DATABASE: <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">DD</td> <td style="text-align: center;">MM</td> <td colspan="6"></td> <td style="text-align: center;">YYYY</td> </tr> </table>											DD	MM							YYYY		
DD	MM							YYYY																																	
DD	MM							YYYY																																	

1

ASSESSMENT SUMMARY & RECORD

ACTIVITY	METHOD				DESIRED OUTCOMES	RESULT	
	WRITTEN	ORAL	PORTFOLIO	OBSERVATION		COMPETENT	NOT YET COMPETENT
NATURE OF ACTIVITY					DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF COMPETENCY STANDARD: DESIGN AND PRESENT FINAL PROJECT		
Practical Skill Demonstration				✓	<ul style="list-style-type: none"> Design registration form in Dreamweaver or Visual Studio Write JavaScript code for client side validation Create table in database for designed registration form Write server side scripting (Asp.Net or PHP) for already designed registration form Design Mock-ups of webpage by using Adobe Photoshop Develop entity relationship diagram (ERD) of any web project 		
Knowledge Assessment	✓	✓			<ul style="list-style-type: none"> Answer all questions your assessor may have during the practical assessment. 		
Other Requirements			✓		<ul style="list-style-type: none"> Provide verified evidence of a dynamic website with server side programming which provides functionalities such as interacting with users, session management, connecting back end database, generating reports and contents management system 		

2

CANDIDATE ASSESSMENT

Candidate's Name.....Father's Name

ALL WORK ASSESSED IN THIS COMPETENCY STANDARD MUST BE YOUR OWN WORK.

GUIDANCE TO CANDIDATE

To meet this standard you are required to complete the following tasks within **four hours** timeframe:

- Design registration form in Dreamweaver or Visual Studio (as shown in Annexure-1)
- Write JavaScript code for client side validation (already designed form)
- Create table in database for designed registration form
- Write server side scripting (Asp.Net or PHP) for already designed registration form
- Design Mock-ups of webpage using Adobe Photoshop
- Develop entity relationship diagram (ERD) of any web project

Important Note: The following general performance criteria will be followed and performed in all the tasks (where applicable) by the candidate in order to meet this standard.

- ✓ Follow health and safety procedure as per the requirements of given task
- ✓ Prepare work station as per the requirements of task
- ✓ Select tools/ equipment as per the requirements of task
- ✓ Report to supervisor in case of any contingency after taking necessary actions
- ✓ Complete the work by following sequence of operations
- ✓ Perform task(s) within standard timeframe

ACTIVITIES	CANDIDATE RESPONSE
<p>1. Complete practical task of 'Designing and Presenting Final Project' under observation by an assessor</p>	<p>During a practical assessment, under observation by an assessor, I will correctly:</p> <ul style="list-style-type: none"> • Design registration form in Dreamweaver or Visual Studio (as shown in Annexure-1) <ul style="list-style-type: none"> ✓ Create all fields of registration form as per Annexure-1 ✓ Align all labels and text fields of registration form ✓ Use CSS technique in form designing • Write JavaScript code for client side validation (already designed form) <ul style="list-style-type: none"> ✓ Validate text fields if empty using JavaScript ✓ Match pattern of e-mail ID using JavaScript ✓ Validate password by verifying minimum length, alphabets, digits and special characters ✓ Restrict length of text fields using JavaScript • Create table in database for designed registration form <ul style="list-style-type: none"> ✓ Create table for each entity in MySQL ✓ Set data types according to the nature of the field ✓ Set required length of attributes ✓ Set key constraints of the table • Write server side scripting (Asp.net or PHP) for already designed registration form <ul style="list-style-type: none"> ✓ Use correct name of text fields in PHP/Asp.net code ✓ Establish connection with the server to store data in database ✓ Use SQL query to store data in database ✓ Execute query to store data in database and to throw exception ✓ Display meaningful message for successful data storage • Design Mock-ups of webpage using Adobe Photoshop <ul style="list-style-type: none"> ✓ Convert JPG file (as shown in Annexure-2) into PSD file using Adobe Photoshop ✓ Re-size dimensions and resolution of canvas ✓ Change object colour as per Annexure-2 ✓ Use Selection tools for objects extraction from the image ✓ Write text on the canvas ✓ Move objects on the canvas ✓ Use layers palate to differentiate each object ✓ Arrange layers for the organization of objects

	<ul style="list-style-type: none"> ✓ Use Slice tool to create HTML format ✓ Export PSD file into HTML format • Develop entity relationship diagram (ERD) of any web project <ul style="list-style-type: none"> ✓ Recognize the entities of web project ✓ Create boxes for each entity ✓ List attributes of each entity in oval shape ✓ Draw lines to show relationship and label it using a verb ✓ Add relationship type (1:1, 1:many, many:many) among entities • General performance criteria: <ul style="list-style-type: none"> ✓ Follow health and safety procedure as per the requirements of given task ✓ Prepare work station as per the requirements of task ✓ Select tools/ equipment as per the requirements of task ✓ Report to supervisor in case of any contingency after taking necessary actions ✓ Complete the work by following sequence of operations ✓ Perform task(s) within standard timeframe
<p>2. Other requirements</p>	<p>Provide verified evidence of a dynamic website with server side programming which provides functionalities such as interacting with users, session management, connecting back end database, generating reports and contents management system</p>
<p>3. Answer any questions your assessor may have during the practical assessment</p>	<p>My answers to questions are correct and demonstrate my understanding of the topics and their application.</p>

3

ASSESSOR JUDGEMENT GUIDE

Candidate's Name Father's Name.....

INSTRUCTIONS FOR ASSESSOR

This section contains minimum evidence requirements. Oral questioning may be used to clarify candidate understanding of the topic and its application.

ACTIVITIES	MINIMUM EVIDENCE REQUIRED	YES	NO	ASSESSOR COMMENTS
1. Complete practical task of 'Designing and Presenting Final Project' under observation by an assessor	During a practical assessment, under observation by an assessor, the candidate correctly carried out the following tasks:			
Design registration form in Dreamweaver or Visual Studio (as shown in Annexure-1)	Created all fields of registration form as per Annexure-1			
	Aligned all labels and text fields of registration form			
	Used CSS technique in form designing			
Write JavaScript code for client side validation (already designed form)	Validated text fields if empty using JavaScript			
	Matched pattern of e-mail ID using JavaScript			
	Validated password by verifying minimum length, alphabets, digits and special characters			
	Restricted length of text fields using JavaScript			
Create table in database for designed registration form	Created table for each entity in MySQL			
	Set data types according to the nature of the field			
	Set required length of attributes			
	Set key constraints of the table			
Write server side scripting (Asp.net or PHP) for already designed registration form	Used correct name of text fields in PHP/Asp.net code			
	Established connection with the server to store data in database			
	Used SQL query to store data in database			
	Executed query to store data in database and to throw exception			
	Displayed meaningful message for successful data storage			
Design Mock-ups of webpage using Adobe Photoshop	Converted JPG file (as shown in Annexure-2) into PSD file using Adobe Photoshop			
	Re-sized dimensions and resolution of canvas			
	Changed object colour as per Annexure-2			
	Used Selection tools for objects extraction from the image			
	Wrote text on the canvas			
	Moved objects on the canvas			
	Used layers palate to differentiate each object			

	Arranged layers for the organization of objects			
	Used Slice tool to create HTML format			
	Exported PSD file into HTML format			
Develop entity relationship diagram (ERD) of any web project	Recognized the entities of web project			
	Created boxes for each entity			
	List attributes of each entity in oval shape			
	Drew lines to show relationship and labelled it using a verb			
	Added relationship type (1:1, 1:many, many:many) among entities			
General performance criteria	Followed health and safety procedure as per the requirements of given task			
	Prepared work station as per the requirements of task			
	Selected tools/ equipment as per the requirements of task			
	Reported to supervisor in case of any contingency after taking necessary actions			
	Completed the work by following sequence of operations			
	Performed task(s) within standard timeframe			
2. Other requirements	Provided verified evidence of a dynamic website with server side programming which provides functionalities such as interacting with users, session management, connecting back end database, generating reports and contents management system			

<p>3. Answer any questions the assessor may have during the practical assessment</p>	<p>Candidate's answers to questions are correct and demonstrate understanding of the topics and their application.</p> <p>Assessor to document below all questions asked and candidate answers. Use extra sheets if required and attach.</p>			
---	--	--	--	--

4

LIST OF TOOLS, EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT


INSTRUCTIONS	<p>This section contains information regarding;</p> <ul style="list-style-type: none"> Context of the assessment List of required tools and equipment. List of consumable items required during the service
1. Context of Assessment	This task will be performed in real time environment.

2. List of tools and equipment required (for five candidates)		
S. No	Items	Quantity
1	PCs with following software installed (Windows 7, XAMPP server, Visual Studio, Dreamweaver, FileZilla, browsers)	5
2	Internet connection (minimum 1Mbps)	1
3	Antivirus	1

3. List of consumable items required (for five candidates)		
S. No	Items	Quantity
1	N/A	N/A

Signup

Already have an account? [Login.](#)



[Login](#)

Username:

Password:

Confirm Password:

Email Address:

First Name:

Last Name:

I have read the Grooveshark Terms of Service. (opens in a new window)

Signup





ASSESSMENT
MATERIAL

EVIDENCE GUIDE

Qualification

Web Designing and
Development

Qualification Code:

Level: 2

Credit: 80

Version: 1

WEB DESIGNING AND DEVELOPMENT

CONTENTS

1. Assessment Summary and Record
2. Candidate Assessment
3. Assessor Judgment Guide
4. List of required tools/equipment, material and context of assessment

ASSESSMENT AND ASSESSOR DETAILS

Competent

Not Yet Competent

Assessment

Re-Assessment

Assessor's Name _____ Assessor's Code _____

Assessor's Signature _____ Date _____

DD	MM	YYYY							

CANDIDATE DETAILS

Candidate's Name

First Name

Last Name

Father's Name

Institute Name and District

CNIC/BFORM #

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Registration Number issued by
Assessment Body

Gender

Male

Female

Transgender

Candidate's Consent

I agree to the time and date of the assessment and am aware of the requirements of the assessment. I fully understand my rights of appeal.

Candidate's Signature _____

ASSESSMENT RESULTS SUMMARY FORM

You can use this coversheet as an *Assessment Results Summary Form*. Simply post a photocopy of this completed coversheet to **NAVTTTC**

NAVTTTC OFFICE ONLY

1. DATE
FORM
RECEIVED:

DD	MM	YYYY							

2. DATE ENTERED INTO
DATABASE:

DD	MM	YYYY							

1

ASSESSMENT SUMMARY & RECORD

ACTIVITY	METHOD				DESIRED OUTCOMES	RESULT	
NATURE OF ACTIVITY	WRITTEN	ORAL	PORTFOLIO	OBSERVATION	DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF QUALIFICATION: WEB DESIGN AND DEVELOPMENT	COMPETENT	NOT YET COMPETENT
Practical Skill Demonstration				✓	<ul style="list-style-type: none"> Design registration form in Dreamweaver or Visual Studio Write JavaScript code for client side validation Create table in database for designed registration form Write server side scripting (Asp.Net or PHP) for already designed registration form Design Mock-ups of webpage by using Adobe Photoshop Develop entity relationship diagram (ERD) of any web project 		
Knowledge Assessment	✓	✓			<ul style="list-style-type: none"> Answer all questions your assessor may have during the practical assessment. 		
Other Requirements			✓		<ul style="list-style-type: none"> Provide verified evidence of a dynamic website with server side programming which provides functionalities such as interacting with users, session management, connecting back end database, generating reports and contents management system 		

2

CANDIDATE ASSESSMENT

Candidate's Name.....Father's Name

ALL WORK ASSESSED IN THIS COMPETENCY STANDARD MUST BE YOUR OWN WORK.

GUIDANCE TO CANDIDATE

To meet this standard you are required to complete the following tasks within **four hours** timeframe:

- Design registration form in Dreamweaver or Visual Studio (as shown in Annexure-1)
- Write JavaScript code for client side validation (already designed form)
- Create table in database for designed registration form
- Write server side scripting (Asp.Net or PHP) for already designed registration form
- Design Mock-ups of webpage using Adobe Photoshop
- Develop entity relationship diagram (ERD) of any web project

Important Note: The following general performance criteria will be followed and performed in all the tasks (where applicable) by the candidate in order to meet this standard.

- ✓ Follow health and safety procedure as per the requirements of given task
- ✓ Prepare work station as per the requirements of task
- ✓ Select tools/ equipment as per the requirements of task
- ✓ Report to supervisor in case of any contingency after taking necessary actions
- ✓ Complete the work by following sequence of operations
- ✓ Perform task(s) within standard timeframe

ACTIVITIES	CANDIDATE RESPONSE
<p>1. Complete practical task of 'Designing and Presenting Final Project' under observation by an assessor</p>	<p>During a practical assessment, under observation by an assessor, I will correctly:</p> <ul style="list-style-type: none"> • Design registration form in Dreamweaver or Visual Studio (as shown in Annexure-1) <ul style="list-style-type: none"> ✓ Create all fields of registration form as per Annexure-1 ✓ Align all labels and text fields of registration form ✓ Use CSS technique in form designing • Write JavaScript code for client side validation (already designed form) <ul style="list-style-type: none"> ✓ Validate text fields if empty using JavaScript ✓ Match pattern of e-mail ID using JavaScript ✓ Validate password by verifying minimum length, alphabets, digits and special characters ✓ Restrict length of text fields using JavaScript • Create table in database for designed registration form <ul style="list-style-type: none"> ✓ Create table for each entity in MySQL ✓ Set data types according to the nature of the field ✓ Set required length of attributes ✓ Set key constraints of the table • Write server side scripting (Asp.net or PHP) for already designed registration form <ul style="list-style-type: none"> ✓ Use correct name of text fields in PHP/Asp.net code ✓ Establish connection with the server to store data in database ✓ Use SQL query to store data in database ✓ Execute query to store data in database and to throw exception ✓ Display meaningful message for successful data storage • Design Mock-ups of webpage using Adobe Photoshop <ul style="list-style-type: none"> ✓ Convert JPG file (as shown in Annexure-2) into PSD file using Adobe Photoshop ✓ Re-size dimensions and resolution of canvas ✓ Change object colour as per Annexure-2 ✓ Use Selection tools for objects extraction from the image ✓ Write text on the canvas ✓ Move objects on the canvas ✓ Use layers palate to differentiate each object ✓ Arrange layers for the organization of objects

	<ul style="list-style-type: none"> ✓ Use Slice tool to create HTML format ✓ Export PSD file into HTML format • Develop entity relationship diagram (ERD) of any web project <ul style="list-style-type: none"> ✓ Recognize the entities of web project ✓ Create boxes for each entity ✓ List attributes of each entity in oval shape ✓ Draw lines to show relationship and label it using a verb ✓ Add relationship type (1:1, 1:many, many:many) among entities • General performance criteria: <ul style="list-style-type: none"> ✓ Follow health and safety procedure as per the requirements of given task ✓ Prepare work station as per the requirements of task ✓ Select tools/ equipment as per the requirements of task ✓ Report to supervisor in case of any contingency after taking necessary actions ✓ Complete the work by following sequence of operations ✓ Perform task(s) within standard timeframe
2. Other requirements	<ul style="list-style-type: none"> • Provide verified evidence of a dynamic website with server side programming which provides functionalities such as interacting with users, session management, connecting back end database, generating reports and contents management system
3. Answer any questions your assessor may have during the practical assessment	My answers to questions are correct and demonstrate my understanding of the topics and their application.

3

ASSESSOR JUDGEMENT GUIDE

Candidate's Name Father's Name.....

INSTRUCTIONS FOR ASSESSOR

This section contains minimum evidence requirements. Oral questioning may be used to clarify candidate understanding of the topic and its application.

ACTIVITIES	MINIMUM EVIDENCE REQUIRED	YES	NO	ASSESSOR COMMENTS
1. Complete practical task of 'Designing and Presenting Final Project' under observation by an assessor	During a practical assessment, under observation by an assessor, the candidate correctly carried out the following tasks:			
Design registration form in Dreamweaver or Visual Studio (as shown in Annexure-1)	Created all fields of registration form as per Annexure-1			
	Aligned all labels and text fields of registration form			
	Used CSS technique in form designing			
Write JavaScript code for client side validation (already designed form)	Validated text fields if empty using JavaScript			
	Matched pattern of e-mail ID using JavaScript			
	Validated password by verifying minimum length, alphabets, digits and special characters			
	Restricted length of text fields using JavaScript			
Create table in database for designed registration form	Created table for each entity in MySQL			
	Set data types according to the nature of the field			
	Set required length of attributes			
	Set key constraints of the table			
Write server side scripting (Asp.net or PHP) for already designed registration form	Used correct name of text fields in PHP/Asp.net code			
	Established connection with the server to store data in database			
	Used SQL query to store data in database			
	Executed query to store data in database and to throw exception			
	Displayed meaningful message for successful data storage			
Design Mock-ups of webpage using Adobe Photoshop	Converted JPG file (as shown in Annexure-2) into PSD file using Adobe Photoshop			
	Re-sized dimensions and resolution of canvas			
	Changed object colour as per Annexure-2			
	Used Selection tools for objects extraction from the image			
	Wrote text on the canvas			
	Moved objects on the canvas			
	Used layers palate to differentiate each object			

	Arranged layers for the organization of objects			
	Used Slice tool to create HTML format			
	Exported PSD file into HTML format			
Develop entity relationship diagram (ERD) of any web project	Recognized the entities of web project			
	Created boxes for each entity			
	List attributes of each entity in oval shape			
	Drew lines to show relationship and labelled it using a verb			
	Added relationship type (1:1, 1:many, many:many) among entities			
General performance criteria	Followed health and safety procedure as per the requirements of given task			
	Prepared work station as per the requirements of task			
	Selected tools/ equipment as per the requirements of task			
	Reported to supervisor in case of any contingency after taking necessary actions			
	Completed the work by following sequence of operations			
	Performed task(s) within standard timeframe			
2. Other requirements	Provided verified evidence of a dynamic website with server side programming which provides functionalities such as interacting with users, session management, connecting back end database, generating reports and contents management system			

3. Answer any questions the assessor may have during the practical assessment

Candidate's answers to questions are correct and demonstrate understanding of the topics and their application.

Assessor to document below all questions asked and candidate answers. Use extra sheets if required and attach.

4

LIST OF TOOLS, EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT


INSTRUCTIONS	This section contains information regarding; <ul style="list-style-type: none">• Context of the assessment• List of required tools and equipment.• List of consumable items required during the service
1. Context of Assessment	This task will be performed in real time environment.

2. List of tools and equipment required (for five candidates)		
S. No	Items	Quantity
1	PCs with following software installed (Windows 7, XAMPP server, Visual Studio, Dreamweaver, FileZilla, browsers)	5
2	Internet connection (minimum 1Mbps)	1
3	Antivirus	1

3. List of consumable items required (for five candidates)		
S. No	Items	Quantity
1	N/A	N/A

Signup

Already have an account? [Login.](#)



[Login](#)

Username:

Password:

Confirm Password:

Email Address:

First Name:

Last Name:

I have read the Grooveshark Terms of Service. (opens in a new window)

Signup





ASSESSMENT
MATERIAL

EVIDENCE GUIDE

Qualification

Web Designing and
Development

Qualification Code:

Level: 2

Credit: 80

Version: 1

WEB DESIGNING AND DEVELOPMENT

CONTENTS

1. Assessment Summary and Record
2. Candidate Assessment
3. Assessor Judgment Guide
4. List of required tools/equipment, material and context of assessment

ASSESSMENT AND ASSESSOR DETAILS

Competent

Not Yet Competent

Assessment

Re-Assessment

Assessor's Name

Assessor's Code

Assessor's Signature

Date

DD	MM	YYYY									

CANDIDATE DETAILS

Candidate's Name

First Name

Last Name

Father's Name

Institute Name and District

CNIC/BFORM #

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Registration Number issued by
Assessment Body

Gender

Male

Female

Transgender

Candidate's Consent

I agree to the time and date of the assessment and am aware of the requirements of the assessment. I fully understand my rights of appeal.

Candidate's Signature

ASSESSMENT RESULTS SUMMARY FORM

You can use this coversheet as an *Assessment Results Summary Form*. Simply post a photocopy of this completed coversheet to **NAVTTTC**

NAVTTTC OFFICE ONLY

1. DATE
FORM
RECEIVED:

DD	MM	YYYY									

2. DATE ENTERED INTO
DATABASE:

DD	MM	YYYY									

1

ASSESSMENT SUMMARY & RECORD

ACTIVITY	METHOD				DESIRED OUTCOMES	RESULT	
	WRITTEN	ORAL	PORTFOLIO	OBSERVATION		COMPETENT	NOT YET COMPETENT
NATURE OF ACTIVITY					DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF QUALIFICATION: WEB DESIGN AND DEVELOPMENT		
Practical Skill Demonstration				✓	<ul style="list-style-type: none"> Design registration form in Dreamweaver or Visual Studio Write JavaScript code for client side validation Create table in database for designed registration form Write server side scripting (Asp.Net or PHP) for already designed registration form Design Mock-ups of webpage by using Adobe Photoshop Develop entity relationship diagram (ERD) of any web project 		
Knowledge Assessment	✓	✓			<ul style="list-style-type: none"> Answer all questions your assessor may have during the practical assessment. 		
Other Requirements			✓		<ul style="list-style-type: none"> Provide verified evidence of a dynamic website with server side programming which provides functionalities such as interacting with users, session management, connecting back end database, generating reports and contents management system 		

2

CANDIDATE ASSESSMENT

Candidate's Name.....Father's Name

ALL WORK ASSESSED IN THIS COMPETENCY STANDARD MUST BE YOUR OWN WORK.

GUIDANCE TO CANDIDATE

To meet this standard you are required to complete the following tasks within **four hours** timeframe:

- Design registration form in Dreamweaver or Visual Studio (as shown in Annexure-1)
- Write JavaScript code for client side validation (already designed form)
- Create table in database for designed registration form
- Write server side scripting (Asp.Net or PHP) for already designed registration form
- Design Mock-ups of webpage using Adobe Photoshop
- Develop entity relationship diagram (ERD) of any web project

Important Note: The following general performance criteria will be followed and performed in all the tasks (where applicable) by the candidate in order to meet this standard.

- ✓ Follow health and safety procedure as per the requirements of given task
- ✓ Prepare work station as per the requirements of task
- ✓ Select tools/ equipment as per the requirements of task
- ✓ Report to supervisor in case of any contingency after taking necessary actions
- ✓ Complete the work by following sequence of operations
- ✓ Perform task(s) within standard timeframe

ACTIVITIES	CANDIDATE RESPONSE
<p>1. Complete practical task of 'Designing and Presenting Final Project' under observation by an assessor</p>	<p>During a practical assessment, under observation by an assessor, I will correctly:</p> <ul style="list-style-type: none"> • Design registration form in Dreamweaver or Visual Studio (as shown in Annexure-1) <ul style="list-style-type: none"> ✓ Create all fields of registration form as per Annexure-1 ✓ Align all labels and text fields of registration form ✓ Use CSS technique in form designing • Write JavaScript code for client side validation (already designed form) <ul style="list-style-type: none"> ✓ Validate text fields if empty using JavaScript ✓ Match pattern of e-mail ID using JavaScript ✓ Validate password by verifying minimum length, alphabets, digits and special characters ✓ Restrict length of text fields using JavaScript • Create table in database for designed registration form <ul style="list-style-type: none"> ✓ Create table for each entity in MySQL ✓ Set data types according to the nature of the field ✓ Set required length of attributes ✓ Set key constraints of the table • Write server side scripting (Asp.net or PHP) for already designed registration form <ul style="list-style-type: none"> ✓ Use correct name of text fields in PHP/Asp.net code ✓ Establish connection with the server to store data in database ✓ Use SQL query to store data in database ✓ Execute query to store data in database and to throw exception ✓ Display meaningful message for successful data storage • Design Mock-ups of webpage using Adobe Photoshop <ul style="list-style-type: none"> ✓ Convert JPG file (as shown in Annexure-2) into PSD file using Adobe Photoshop ✓ Re-size dimensions and resolution of canvas ✓ Change object colour as per Annexure-2 ✓ Use Selection tools for objects extraction from the image ✓ Write text on the canvas ✓ Move objects on the canvas ✓ Use layers palate to differentiate each object ✓ Arrange layers for the organization of objects

	<ul style="list-style-type: none"> ✓ Use Slice tool to create HTML format ✓ Export PSD file into HTML format • Develop entity relationship diagram (ERD) of any web project <ul style="list-style-type: none"> ✓ Recognize the entities of web project ✓ Create boxes for each entity ✓ List attributes of each entity in oval shape ✓ Draw lines to show relationship and label it using a verb ✓ Add relationship type (1:1, 1:many, many:many) among entities • General performance criteria: <ul style="list-style-type: none"> ✓ Follow health and safety procedure as per the requirements of given task ✓ Prepare work station as per the requirements of task ✓ Select tools/ equipment as per the requirements of task ✓ Report to supervisor in case of any contingency after taking necessary actions ✓ Complete the work by following sequence of operations ✓ Perform task(s) within standard timeframe
2. Other requirements	<ul style="list-style-type: none"> • Provide verified evidence of a dynamic website with server side programming which provides functionalities such as interacting with users, session management, connecting back end database, generating reports and contents management system
3. Answer any questions your assessor may have during the practical assessment	My answers to questions are correct and demonstrate my understanding of the topics and their application.

3

ASSESSOR JUDGEMENT GUIDE

Candidate's Name Father's Name.....

INSTRUCTIONS FOR ASSESSOR

This section contains minimum evidence requirements. Oral questioning may be used to clarify candidate understanding of the topic and its application.

ACTIVITIES	MINIMUM EVIDENCE REQUIRED	YES	NO	ASSESSOR COMMENTS
1. Complete practical task of 'Designing and Presenting Final Project' under observation by an assessor	During a practical assessment, under observation by an assessor, the candidate correctly carried out the following tasks:			
Design registration form in Dreamweaver or Visual Studio (as shown in Annexure-1)	Created all fields of registration form as per Annexure-1			
	Aligned all labels and text fields of registration form			
	Used CSS technique in form designing			
Write JavaScript code for client side validation (already designed form)	Validated text fields if empty using JavaScript			
	Matched pattern of e-mail ID using JavaScript			
	Validated password by verifying minimum length, alphabets, digits and special characters			
	Restricted length of text fields using JavaScript			
Create table in database for designed registration form	Created table for each entity in MySQL			
	Set data types according to the nature of the field			
	Set required length of attributes			
	Set key constraints of the table			
Write server side scripting (Asp.net or PHP) for already designed registration form	Used correct name of text fields in PHP/Asp.net code			
	Established connection with the server to store data in database			
	Used SQL query to store data in database			
	Executed query to store data in database and to throw exception			
	Displayed meaningful message for successful data storage			
Design Mock-ups of webpage using Adobe Photoshop	Converted JPG file (as shown in Annexure-2) into PSD file using Adobe Photoshop			
	Re-sized dimensions and resolution of canvas			
	Changed object colour as per Annexure-2			
	Used Selection tools for objects extraction from the image			
	Wrote text on the canvas			
	Moved objects on the canvas			
	Used layers palate to differentiate each object			

	Arranged layers for the organization of objects			
	Used Slice tool to create HTML format			
	Exported PSD file into HTML format			
Develop entity relationship diagram (ERD) of any web project	Recognized the entities of web project			
	Created boxes for each entity			
	List attributes of each entity in oval shape			
	Drew lines to show relationship and labelled it using a verb			
	Added relationship type (1:1, 1:many, many:many) among entities			
General performance criteria	Followed health and safety procedure as per the requirements of given task			
	Prepared work station as per the requirements of task			
	Selected tools/ equipment as per the requirements of task			
	Reported to supervisor in case of any contingency after taking necessary actions			
	Completed the work by following sequence of operations			
	Performed task(s) within standard timeframe			
2. Other requirements	Provided verified evidence of a dynamic website with server side programming which provides functionalities such as interacting with users, session management, connecting back end database, generating reports and contents management system			

3. Answer any questions the assessor may have during the practical assessment

Candidate's answers to questions are correct and demonstrate understanding of the topics and their application.

Assessor to document below all questions asked and candidate answers. Use extra sheets if required and attach.

4

LIST OF TOOLS, EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT


INSTRUCTIONS	<p>This section contains information regarding;</p> <ul style="list-style-type: none"> Context of the assessment List of required tools and equipment. List of consumable items required during the service
1. Context of Assessment	This task will be performed in real time environment.

2. List of tools and equipment required (for five candidates)		
S. No	Items	Quantity
1	PCs with following software installed (Windows 7, XAMPP server, Visual Studio, Dreamweaver, FileZilla, browsers)	5
2	Internet connection (minimum 1Mbps)	1
3	Antivirus	1

3. List of consumable items required (for five candidates)		
S. No	Items	Quantity
1	N/A	N/A

Signup

Already have an account? [Login.](#)



[Login](#)

Username:

Password:

Confirm Password:

Email Address:

First Name:

Last Name:

I have read the Grooveshark Terms of Service. (opens in a new window)

Signup

Govt Institute Of Information Technology, Rawalpindi

Home | Our Institute | Courses | Faculty | Photogallery | Contact Us

Our Institute | **Admission** | **Student Corner** | **Housing**

Our Institute

Government Institute of Information Technology, Rawalpindi established in 29/11/2006 and is proud of being the first ever Information Technology Institute of TEVTA by the Punjab Government, which is being managed/supervised by District Manager/Zonal Manager (North), TEVTA Rawalpindi. The institute is the remarkable contribution/services of TEVTA, Govt. of Punjab for people of Rawalpindi District. This institute is affiliated with Punjab Board of Technical Education (PBTE), Lahore, Trade Testing Board (TTB), Lahore and City & Guilds, UK for award of Certifications.

News

- Merit List for Web Designing and Development TEVTA Industry Initiative Program(1 to 5 pm)**
September 18th, 2013
- Merit List for Auto CAD TEVTA Industry Initiative Program(5 to 9 pm)**
September 18th, 2013
- Merit List for Auto CAD TEVTA Industry Initiative Program(1 to 5 pm)**
September 17th, 2013
- Interviews for Hardware and Graphics Designing of Prime Minister Youth Training Scheme is to be conducted on 24-6-2013 at 11:00 AM**
June 18th, 2013

Alerts

Admission Open **new**


- > AutoCAD
- > CCA
- > Spoken English
- > Web Designing


Events

No events have been added yet!

National Vocational and Technical Training Commission (NAVTTTC)

 5th Floor Evacuee Trust Complex Sector F-5/1, Islamabad.

 +92 51 9044 04

 +92 51 9044 04

 info@navttc.org

 www.navttc.org