Web Programming 2

Web Programming 2 (WEPR2)		
Test Number	1	
Year	2023	
Internal Examiner	Lecturer Name	
Total Marks	100	
Duration	2 Hour	
Section A	True or False	15 Marks
Section B	Short questions	85 Marks

Instructions to Candidates:

1. Read each question carefully.
2. You must answer ALL sections.
3. Answer all questions in this Word document.
4. Ensure PRE-ASSESSMENT AGREEMENT and ASSESSMENT FEEDBACK AGREEMENT is completed and signd.
5. Save Word document as PDF and upload.

Important Notes:
- This test paper consists of _14_ pages
- This test contributes 50% towards the final mark.

Section A (15)

True or False1 mark per question

Already completed in Section A on Smart Assessments in the form of MCQ

SUBTOTAL: [15]

Section B (85)

Short Questions

Answer the following questions on this word document is space provided.

Unit standard	Specific outcome	Assessment criterion
115373	1	1
	1	2
	2	1
	2	2
	2	3
	3	1
	3	2
	3	3
115384	1	1
	1	2
	1	3
	1	4
	2	1
	2	2
	2	3

	2	4
	3	1
	3	2

Question One (4)

What is the process by which Angular is set up and started on a web page?

➤ We first import/ angularjs file then link it in our html in our scripts tag

➤ Then we type in angular.module ('name', [dependencies]) ...this create an angular module which will be linked to our donwloaded angularjs library

➤ Then in the html file we place ng-app='module name' on our html tag

➤ Then we create controllers and other services that will manage different components on our page(s)

Question Two (4)

What mechanism is employed to exhibit the value of a model on a webpage?

➤ We use double curly braces and inside it its the model name

➤ For example if we create a model that is bound to our $scope service in our controller lets say $scope.name ='string'...then we go to our html and make sure that this model will be palced inside the html element that is controlled by that same controller for example in a div and that same div will be bound to the controller using the ng-controller ='nameOfController' directive

Question Three (4)

How can you establish a controller in Angular and indicate your intention to utilize it?

➤ First after creating our module we create a controller using the .controller methode and this methode takes in two things name the name of the controller followed by a function for example it will look something like this :   .controller('controllerName',['list of injecteted services ', function functionName(list of injected services){ the rest of the code goes in here }

➤ And then to use it lets say for example you want to use it to collect data from an html input element , you will just use the model name in html (ng-model='modelName') and this is if you used the $scope methode otherwise if you use/assign the word this in the controller to an variable , in your html you will have to youse the as syntax with the same variable name created in the controller followed by the model name for example it will look like this if you say in the controller var input = this ,input.name = '', in the html the model name will be input.name (ng-model='input.name')

Question Four (4)

What element is placed at the beginning of a web page to enable the navigation between different views in Angular?

➤ For navigation we use bootstrap navigation bar inside our header element and link each item inside the <a> tag to our routing

➤ For our routing to work we first need to link our ng-route .js file to our main page then import it as dependency inside our module (angular.module('moduleName',['ngRoute'])

Question Five   (4)

How many columns does a Bootstrap's grid system comprise of?

➤ It has 12 columns in total

Question Six   (4)

What does the term "directive" refer to in Angular, and what is the common manner in which most directives are employed?

➤ Directive is a term used when we assing a variable to something that returns some sort of a value

➤ In angular most directives follow this naming methode ng-(name of directive) for example ng-app, ng-repeat , ng-model ...

➤ And also directives can be services too and if they are services then they are employed thruough first registering it (if its a custom service) using the .methode and followes the same process as a controller (provide service name and function)

➤ Then after that we import it as a dependencies into our controllers that need them

Question Seven   (4)

Which directive should you utilize to iterate over and display data in Angular?

➤ We use ng-repeat directive

Question Eight   (4)

How can you implement the application of a filter directly from the view in Angular?

➤ After writing model name in our double curly braces we place a pipe symbol followed by the word fileterName and semicolons and arguments

Question Nine   (4)

How can you transmit arguments to your filter from the view in Angular?

➤ After our filter we place semicolons then argument name and if they are many arguments we just keep on placing semicolons after the previous argument

Question Ten   (4)

Which filter is commonly employed to create a live search functionality in Angular?

➤ The filter search   and it is deployed like this so after our model lets say its an ng-repeat='modelName' we we place a pipe symbol followed by the word filter : search and in our input element we say ng-model = 'search'

Question Eleven   (4)

What is the method to utilize a filter from within a controller in Angular?

➤ If the filter is from our controller we follow the same proccess so for example afeter a pipe symbol we type in the name of the filter

Question Twelve   (4)

What prerequisite is necessary before you can develop your custom filter in Angular?

➢ We first register the filter service then deploy it into our controller as a dependency

➢ We create a service filter function that will then be called by the controller

Question Thirteen   (4)

Which three arguments does the filter method in Angular accept?

➢ Arrays , values and

Question Fourteen   (4)

What is the reason behind not requiring a container element within your partials in Angular?

➢ Partials are linked to our main page so they only replace a certain part of the main page when they are called so they will already have what the main page has so in other words they are contained inside the main page hence there is no need to place them in a container again

Question Fifteen   (4)

Apart from the "table" class, what other classes can be applied to a table to enhance its styling in Bootstrap?

➢ table-bordered , table-striped ,table-condensed ,

Question Sixteen   (4)

How can you generate a button that is both sizable and has a light blue color?

➢ We use the bootstrap class btn btn-primary btn-lg

Question Seventeen   (4)

In Bootstrap, what is the required container for encapsulating your labels and inputs?

➢ We use a div element with a form group class

Question Eighteen   (4)

How does using the "form-horizontal" class alter the appearance and structure of your form in Bootstrap?

➢ Lables will be placed to the left of our input elements

Question Nineteen   (4)

What element or feature should you employ to present an extra explanatory message next to a form input in Bootstrap?

➢ We use a help block that will container our explanatory message

Question Twenty   (5)

What three classes can you apply to images and what do they do?

➢ Img-thubnail –created a double bordered image

➢ Img-circle – creates a circle image

➢ Img-rounded – created an image that is rectangle but with rounded borders

Question Twenty-one   (4)

What is the procedure for verifying the correctness of your form's input values in Bootstrap?

- ➤ We use the form validation class

Mark allocation for student			
Section	Sub-section	Maximum Mark	Learner mark
Section A	Question 1 – 15	15	
Section B	Question 1	4	
	Question 2	4	
	Question 3	4	
	Question 4	4	
	Question 5	4	
	Question 6	4	
	Question 7	4	
	Question 8	4	
	Question 9	4	
	Question 10	4	
	Question 11	4	
	Question 12	4	
	Question 13	4	
	Question 14	4	
	Question 15	4	
	Question 16	4	
	Question 17	4	

	Question 18	4	
	Question 19	4	
	Question 20	5	
	Question 21	4	
	Total:	100	

PRE-ASSESSMENT AGREEMENT

Assessment Preparation: Preparing the Candidate

Student name and surname	Tafadzwa Chiripanyanga	Date	06-10-2023
		Time	10:30
Assessor name and surname		Venue	online

How to prepare the candidate	Document Requirements	Agree (tick)	Action Required
Explain to the candidate why you are meeting and the purpose of the assessment.	Assessment Policy Assessment process		
Discuss the assessment plan in detail.	Assessment strategy	✓	
Explain assessment process, show assessment instruments to candidate and describe assessment conditions.	Assessment instruments	✓	
Identify the role-players during assessment.	Assessors Moderator	✓	
Describe the evidence required to be declared competent.	Examples of evidence	✓	
Explain how evidence will be judged.	Mark allocation explained	✓	
Explain to the candidate how to prepare: Give candidate assessment task description.	Assessment task description	✓	
Confirm with the candidate what he/she should bring to the assessment.	Detailed briefing on exact requirements to be given to candidate in writing	✓	
Ensure that candidate understands the procedures of all assessment practices.	Appeals Policy Appeals procedure Assessment Policy Assessment Procedure Moderation Policy	✓	

	Moderation procedure		
	Verification Policy		
	Verification Procedure		
Ask the candidate if he/she foresees any problems or identify any special needs.	List needs	✓	

Agreed Assessment Plan			
Student name and surname:		Tafadzwa Chiripanyanga	
Assessor name and surname:			
Module name:		Web Programming 2	
Unit Standard/s:		US115373 US115384	
Type of Assessment i.e. Formative assignment, Formative test, Formative Practical, Summative etc.		Summative Assessment 1	
Special Assessment Requirements:		N/A	
Event	Date, time and location	Resources required	Evidence to be generated
Assessments due date		Assessments	Completed documentation
Complete activity on MyAIE and upload to MyAIE			Completed Portfolio of Evidence
Submit Portfolio of Evidence			

Assessor Roles and Responsibility	
Roles	Assessor Guide Feedback Agent Reviewer
Responsibilities	Consult candidate re-assessment, assessment process and plan. Agree assessment process and plan with candidate. Forward documentation to candidate: plan, guide and assessment instruments. Assess candidate with the use of different instruments.

	Provide feedback on assessment findings.
	Support candidate through assessment process.
	Source feedback from candidate on assessment process.
	Review assessment process and outcome.
	Use assessment process as opportunity to transform assessment activities and outcomes.

Candidate Roles and Responsibility	
Roles	- Leaner - Feedback agent - Reviewer
Responsibilities	- Be available for assessment. - Be actively involved in the consultative process. - Learn from the assessment process. - Provide feedback to the assessor in terms of the assessment as learning activity. - Provide feedback to the assessor on the efficacy of the assessment process. - Review own role and assessor role in the assessment process.
Assessment Instruments	- Portfolio of Evidence - Questionnaire - Report - Presentation - Reflexive questions - Work sample - Practical's - Group Activity - Research activities

Assessment Process	
- Evaluation of POE addressing Essential Embedded Knowledge in unit standards. - Evaluation of Research Projects and other evidence addressing specific unit standards. - Consultation: assessment plan and assessment activities and instruments. Pre-assessment moderation and interviews conducted at this stage. - Observation: feedback on assessment against specific outcomes, critical outcomes in unit standards. - Feedback: to candidate regarding sufficiency of evidence and possible interview to gain supplementary evidence.	

• Feedback to candidate regarding assessment findings as well as review process.		
Feedback	Written feedback to be given to all stakeholders at the end of the assessment process, as well as verbal feedback to the candidate during assessment activities.	
Recording Process	Process and findings to be recorded and submitted for record keeping purposes as well as moderation and verification.	
Review Process	The review process is the responsibility of the assessor and the candidate. Joint reviewing will take place after feedback has been given to the candidate.	
Right to appeal	The candidate must be advised of the right to appeal.	
Resources Required	Assignments • POE • Assessments • Guides	

I confirm that:
- I have been consulted on and have agreed to the training and assessment process as detailed in the assessment guide.
- I have been advised of my right to appeal against any assessment that is unfair, unreliable, invalid or impracticable.
- I have read and understood the appeal procedure.
- I know that assessments may be moderated or verified by an external party.
- The purpose of the assessment has been clearly explained to me.
- The criteria have been discussed with me, and I know I will be assessed against these criteria.
- I know when and where I will be assessed, and I was given fair notice.
- I know how the assessment will be done, and any other requirements related to the assessment.

Signed: __*Tafadzwa*_____   Date: __06/10/2023_____

Overall Assessment Decision	Competent		Not yet competent	
Student's Signature	*Tafadzwa*	Date:	06/10/2023	
Assessor's Signature		Date:		
Moderator's Signature		Date:		

ASSESSMENT FEEDBACK AGREEMENT

Assessment feedback: Feedback to learner

Qualification Name:	
Qualification SAQA Number:	
Subject Name:	Web Programming 2
Subject Code:	WEPR2
Assessment Name:	Summative Assessment 1
Assessment Code:	WEPR2_SA1
Assessment Type:	Summative

Feedback report	1st Attempt		2nd Attempt	
	C	NYC	C	NYC
Unit standard Number(s)				
US115373				
SO1, AC1				
SO1, AC2				
SO2, AC1				
SO2, AC2				
SO2, AC3				
SO3, AC1				
SO3, AC2				
SO3, AC3				

US115384				
SO1, AC1				
SO1, AC2				
SO1, AC3				
SO1, AC4				
SO2, AC1				
SO2, AC2				
SO2, AC3				
SO2, AC4				
SO3, AC1				
SO3, AC2				

General feedback to learner (Attempt 1)
Supply comprehensive feedback why learner is found NYC

Learner Number:	258196		
Learner name and surname:	Tafadzwa Chiripanyanga	Date:	06/10/12
Learner Signature:	*Tafadzwa*		
Lecturer name and surname:	Tafadzwa Chiripanyanga	Date:	06/10/2023
Lecturer Signature:			
Assessor name and surname:		Date:	
Assessor Signature:			
Moderator name and surname:		Date:	
Moderator Signature:			

Note to learner
Review the feedback provided by your lecturer to check that you have been found competent in this assessment. If there are any areas where you have been found not yet competent, you must redo those parts of the assessment and resubmit within the stipulated time frame. The section below will only be completed in cases where the learner was asked to resubmit parts of the assessment where they were found not yet competent.

General feedback to learner (Attempt 2) Supply comprehensive feedback why learner is found NYC

Learner Number:		
Learner name and surname:		Date:
Learner Signature:		
Lecturer name and surname:		Date:
Lecturer Signature:		
Assessor name and surname:		Date:
Assessor Signature:		
Moderator name and surname:		Date:
Moderator Signature:		