061306T4CSC

COMPUTER SCIENCE LEVEL 6

ICT/OS/CS/CR/10/6/A

DEMONSTRATE WEB DESIGN SKILLS

NOV/DEC 2023

TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION COUNCIL (TVET CDACC)

PRACTICAL ASSESSMENT

TIME: 2 Hours

INSTRUCTIONS TO THE ASSESSOR:

1. You are required to mark the practical as the candidate performs the task.

2. You are required to take video clips at critical points.

3. Ensure that the candidate has a name tag and a registration code at the back and front.

4. Allocate **10** minutes for the candidate to identify and confirm the availability of the resources.

5. Candidate to perform the task as per the requirements.

6. Marks for each task are indicated.

OBSERVATION CHECKLIST

Candidate's name & Registration No.	
Assessor's name & Reg. code	
Unit(s) of Competency	
Venue of Assessment	
Date of assessment	

(Indicate the marks available and marks obtained respectively. Award marks appropriately as guided for in the items for evaluation indicated. Give a brief comment where necessary)

Items to be evaluated:	Marks allocated	Marks obtained	Comments
1. Set up the HTML Structure ✓ **Determined the html elements to use, their hierarchy, and their placement within the page.**	3		
✓ **Defined the logical arrangement of content and the foundation for the visual presentation of the web.** *(Award 3 marks each for the correct procedure)*	3		
✓ **Decided on the header, navigation, main content, sidebar, footer, and any other sections for the web page's design and functionality.** *(Award 4 marks)* *(Maximum 10 marks)*	4		
2. Created a HTML document ✓ **Wrote the actual HTML tags, elements, and content to represent the planned structure.**	2		

✓ **Followed rules and syntax of the HTML Language i.e.DOCTYPE declaration,HTML root element('<html>'),'<head>'section for meta-information, and '<body>' section for the visible content.** ✓ **Inside the '<body>'section, placed the HTML elements according to the predefined structure.** *(Award 2 marks for each correct procedure followed or zero)*	2 2		

3. Added HTML Content.
    ✓ **Opened the HTML Document**
    ✓ **Identified the Target Location**
    ✓ **Choose the Appropriate HTML Element**
    ✓ **Added the HTML Element**
    ✓ **Close the HTML Element**
    ✓ **Save the HTML Document**
(Award 2 marks for each correct procedure followed or zero)
	2
	2
	2
	2
	2
	2		

4. Added attributes to HTML document
    ✓ **Identified the Target Element**
    ✓ **Choose the Attribute i.e.id, class, src, href, alt, style and data-*.**
    ✓ **Wrote the Attribute in the Opening Tag.**
    ✓ **Provided the Attribute Value**
    ✓ **Saved the HTML Document**
(Award 2 marks for each correct procedure followed or zero)
	2
	2
	
	2
	2
	2		

5. Formatted the web page by changing font and color.			

✓ **Created a CSS File.**	2		
✓ **Linked CSS to HTML Document**	2		
✓ **Selected HTML Elements**	2		
✓ **Wrote CSS styles**	2		
✓ **Applied Styles to Elements**	2		
✓ **Saved the CSS file**	2		
✓ **Refreshed the Web Page**	2		
(Award 2 marks for each correct procedure followed or zero)			
6. Added JavaScript for Interactivity.			
✓ **Created a New JavaScript File**	2		
✓ **Linked JavaScript to HTML Document**	2		
✓ **Identified the Elements for Interactivity**	2		
✓ **Wrote JavaScript Code**	2		
✓ **Test Interactivity**	2		
(Award 2 marks for each correct procedure followed or zero)			
7. Used JavaScript to change HTML elements.			
✓ **Created a New JavaScript File**	2		
✓ **Link JavaScript to HTML Document**	2		
✓ **Identify the Elements to be Changed**	2		
✓ **Write JavaScript Code**	2		
✓ **Test the Changes**	2		
(Award 2 marks for each correct procedure followed or zero)			

8. Demonstrated event handling in JQuery			
✓ **Setup the HTML Structure**	2		
✓ **Create the JavaScript(script.js)**	2		
✓ **Link the JavaScript File**	2		
✓ **Test the Event Handling**	2		
(Award 2 marks for each correct procedure followed or zero)			
9. Tested the web page The candidate was able to perform the following			
✓ **Manual functional Testing**	2		
✓ **Cross-browser Testing**	2		
✓ **Responsive Design Testing**	2		
✓ **Accessibility Testing**	2		
✓ **Performance Testing**	2		
(Award 2 marks for each correct procedure followed or zero)			
TOTAL	**90**		

ASSESMENT OUTCOMES

The candidate was found to be:

Competent ☐ Not yet competent ☐

(Please tick as appropriate)

(The candidate is competent if s/he gets 50% or higher)

Feedback from candidate:

Feedback to candidate:

Candidate's signature:	Date:	
Assessor's signature:	Date:	