

Scripting and Web Technologies

4CM513



02 Assessment Brief

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Module Leader

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- MS 310, Monday – Thursday (10:00 am – 03:00 pm)

Key dates and details

Assessment Detail	Assessment Information
Assessment Mode:	Individual Assignment
Assessment Weighting:	50%
Word count/Length:	NA
Learning Outcomes:	Develop an application using a modern scripting engine.
Submission Method:	Turnitin
Submission Date:	12:00 Noon UK time, Thursday 07/05/2026 (Turnitin submission)
Provisional Feedback Release Date:	21/05/2026

Description of the assessment

After reviewing your report submitted for Assessment 1, the CEO of Pizza UNO has requested you, as a front-end web developer, to implement the proposed improvements to enhance the design of the Pizza UNO website. Your goal is to improve the customer experience by addressing issues with the homepage, the order placement process, and website navigation. As a front-end developer, your responsibility will focus on the user-facing aspects of the site. You will implement the interactive design using JavaScript, HTML, and CSS. You may refine your suggested design from Assessment 1, if necessary, to ensure it meets user requirements and provides an optimal experience.

Relationship to Programme Assessment Strategy

This assessment focuses on implementing and demonstrating the proposed front-end improvements, directly contributing to the objectives of the module by applying both theoretical concepts and practical web development skills. It emphasizes enhancing the user interface, navigation, and functionality of a real-world website, thereby preparing students to address common challenges in user experience design. The hands-on implementation process bridges the gap between analysis and execution, ensuring that the proposed solutions from Assessment 1 are effectively realized. Additionally, this assessment serves as a foundation for subsequent stages by developing a functional prototype that aligns with industry standards and user expectations. It reinforces essential skills in problem-solving, interactivity, and customer-focused design, setting the stage for continuous evaluation and refinement throughout the product development lifecycle.

Attributes and Skills

Skills		Links to useful resources
<input checked="" type="checkbox"/>	Critical thinking	Critical Thinking - Critical Thinking - LibGuides at University of Derby
<input checked="" type="checkbox"/>	Communication	Communication - Communication - LibGuides at University of Derby
<input checked="" type="checkbox"/>	Collaboration	Building Relationships & Effective Collaboration - Building Relationships & Effective Collaboration - LibGuides at University of Derby
<input checked="" type="checkbox"/>	Creative problem solving	Creative Problem Solving - Creative Problem Solving - LibGuides at University of Derby
<input checked="" type="checkbox"/>	Self-direction & planning	Introduction - Self-Direction and Planning - LibGuides at University of Derby
<input type="checkbox"/>	Numeracy, statistics & financial literacy	Introduction - Numeracy, Statistics and Financial Literacy - LibGuides at University of Derby
<input checked="" type="checkbox"/>	Digital	Introduction to Digital Skills - Digital Skills - LibGuides at University of Derby
<input checked="" type="checkbox"/>	Resilience	Academic Wellbeing - Academic Wellbeing - LibGuides at University of Derby
<input checked="" type="checkbox"/>	Adaptability	Content / IT Product Design (derby.ac.uk)
<input checked="" type="checkbox"/>	Leadership & future thinking	Content / IT Product Design (derby.ac.uk)

Assessment Content

You will also be required to demonstrate your implementation by submitting your completed project. Further details regarding the demonstration will be provided during the lab session.

- Creating the website with the improved design, suggestions and process.
- Focusing the index page for:
 - Accurate placement of objects.
 - Implementation of suggestions.
 - Implementation of improved customer experience in terms of homepage, process for placing orders, and website navigation.
- Order will be placed through a form.

Final Draft Review

- A mandatory individual face-to-face review of your final project will take place two weeks before submission. During this session, you will discuss your approach to the task with your lecturer. You will receive a mark reflecting the current status of your project, along with immediate oral feedback to help you improve it.

Final Submission

- Following the mandatory final review of the project, you will have two weeks to make improvements before submitting it to the designated Turnitin submission point.
- Your final submission should be a compressed folder containing the HTML, CSS, and JavaScript files. The folder must include an index file as the main entry point for the website.

Assessment Rubric

CRITERIA	EXCELLENT (70 -100%)	VERY GOOD (60-69%)	GOOD (50-59%)	SATISFACTOR Y (40-49%)	UNSATISFA CTORY (<40%)
Website implementation (50%)	Completely implement the proposed design using JavaScript, HTML and CSS. All objects are accurately presented.	Implement the proposed design using JavaScript, HTML and CSS. Most objects are accurately presented.	Implement the design. Important objects are accurately presented.	Partially implement the designs including objects are not accurately presented.	Fail to implement the proposed design.
Implementation of suggestions (30%)	Completely implement all the proposed suggestions.	Implement most of the proposed suggestions.	Partially implement the important suggestions only.	Partially implement the less important suggestions only.	Fail to implement the proposed suggestions .
Code organization and readability (20%)	Provides exceptionally well-organized and highly readable code. Adheres to best practices, includes meaningful comments, and follows a clear structure.	Presents well-organized and readable code. Adheres to best practices, includes appropriate comments, leading to good code understanding.	Offers moderately organized and readable code. Some best practices are followed, but there may be room for improvement in structure and comments.	Delivers somewhat disorganized code with limited comments and unclear structure. Code readability is compromised.	Provide poorly organized and unreadable code. Lacks meaningful comments and proper structure.

Assessment AI-assistance

AI assistance **must not be used in any part of this assessment submission.** This includes, but is not limited to, generative AI tools such as Copilot, ChatGPT, Gemini, Claude, or similar systems. All submitted work must be entirely your own.

Using AI-generated content in your submission may result in referral to academic integrity procedures, in line with the University's Academic Regulations (as per Academic Regulations, Academic Misconduct, Section J2).

Anonymous Marking

Submissions in Turnitin and Blackboard

You must submit your work using your **student number** to identify yourself, not your name. You must not use your name in the text of the work at any point. When you submit your work in Turnitin you must submit your student number within the assignment document and in the *Submission title* field in Turnitin. [Guidance](#) is available showing how to do this.

Assessment Regulations

The [University's regulations, policies and procedures](#) for students define the framework within which teaching and assessment are conducted. Please make sure you are familiar with these regulations, policies and procedures.