CCT College Dublin Continuous Assessment

Programme Title:	*H.Dip. in Computing*
Delivery Mode:	FT
Cohort Details:	Feb 2025
Module Title:	Web Development

Assignment Type:	*Individual*	**Weighting(s):**	60%

Assignment Title:	*Full Stack Website*
Lecturer(s):	Shree Krishna Acharya
Issue Date:	*6 Nov. 2025 @ 23:59*
Submission Deadline Date:	*7 Dec. 2025 @ 23:59*
Late Submission Penalty:	Late submissions will be accepted up to **5** calendar days after the deadline. All late submissions are subject to a penalty of **10%** <u>of the mark awarded</u>. Submissions received more than 5 calendar days after the deadline above **<u>will not</u>** be accepted and a mark of 0% will be awarded.
Method of Submission:	**This assignment is submitted via Moodle.**
Instructions for Submission:	**Web Development:** Submit your website files in ONE FOLDER (in .zip format) to the Web Development Moodle page. You will also create a short demo video. DO NOT UPLOAD THIS TO MOODLE. Instead, save the video to your GDrive space and upload a link to the video. MAKE SURE that your video is accessible for viewing by others!
Feedback Method:	**Results posted in Moodle gradebook**
Feedback Date:	

Assessment Outline

Description of Assessment Task

You were tasked with examining the needs of clients to design & develop a bespoke and progressive Web Application using HTML, CSS, JavaScript, server-side programming. You are now required to record a presentation of your website to the stakeholders before the site could be published, the recording must not exceed a maximum of 5 to 6 minutes, recordings that exceed the time limit will get less marks.

Note: The Stakeholders have no prior knowledge or exposure to your site, therefore you will only be rewarded with marks based on the information you provide for each topic you cover from the following scope of the presentation:

You must ensure that the file format is mp4, any recordings that fail to play or are in an incorrect format will receive a grade of 0%.

Your recording demo must have a voice over, silent demos or demos with music playing will receive a 0% mark. The voice over must be your own voice, no computer-generated audio is allowed.

TASK
1. Create a simple e- commercial site that can browse products and proceed to checkout.
2. Use server system to manage the content of products and baskets for adding and removing items.
3. Connect the database system to fetch products and update the price rate according to the market rate.
4. Implement HTML, CSS and JavaScript for a responsive and functional UI.

Assessment Requirements

All assessment submissions must meet the following minimum requirements:
- Be submitted in the format outlined in the assignment summary table.
- Be submitted by the deadline date specified or be subject to late submission penalties.
- Be submitted via Moodle upload. Any other submissions will not be graded.
- Use Harvard Referencing when citing third party material.
- Be the student's own work.
- Include the CCT assessment cover page.
- Submit your results in github link as well. https://classroom.github.com/a/CqC4VCQ1 .

Learning Outcomes:

This assessment addresses the following module learning outcomes for each module, as below:

- Create a dynamic web application using HTML, CSS, JavaScript, Database, and Server System.
- Implement and serve a web application with a responsive and intuitive interface design, applying rules relating to semantics and accessibility

- Apply validation rules to modern web standard

Statement of Acceptable Use of Artificial Intelligence

The use of generative AI tools (e.g. ChatGPT, Dall-e, etc.) is permitted in this assignment ONLY for the following activities:

o   Brainstorming and refining your ideas;

o   Finding information on your topic [NOTE: It is not a good idea to rely on an AI search summary. It is better to read the actual articles and think about how this relates to what you are doing.] ;

o   Fine tuning your research questions.

If you use any AI tool at all, then you must specify EXACTLY what tool(s) were used. You must also provide a complete appendix showing

a)   What prompts were used (for each tool). Make sure you provide the ENTIRE prompt.
b)   Wha the output from the AI tool was in each case

Grading Criteria

Criteria	Criteria 1 *Justification of chosen Methodology*	Criteria 2 *Server System Configuration*	Criteria 3 *Database Connection* *And updating dynamic content*	Criteria 4 *Dynamic and attractiveness in the design*
Weighting per criteria	**30 Marks**	**30 Marks**	**20 marks**	**20 marks**
Excellent (+70%)	Excellent justification with many clear links, html tags and text colours.	Wide range of function used to support server running.	Excellent range of using functionalities to connect local database to the server files.	Dynamic update using JavaScript and using many links in content, attractive font-styles, pages transitions.
Very Good (60 - 69%)	Very good justification with many clear links, html tags and text colours.	Very good range of function used to support server running.	Very good range of using functionalities to connect local database to the server files.	Very good update using JavaScript and included many links in content, attractive font-styles, pages transitions.
Good (50 - 59%)	Good use of HTML tags in the HTML layout and attractive text colours.	Good range of function used to support server running.	Good range of using functionalities to connect local database to the server files.	The good update using JavaScript with few links, good font-styles and colour selection
Acceptable (40 - 49%)	Good amount of HTML tags with CSS styling in the HTML layout.	Successfully use of function to support server running continuously.	Successfully use of function to connect local database to the server files.	Successfully implementation of JavaScript file and update the HTML pages.
Fail (< 39%)	Random use of HTML tags and failed to use proper CSS style.	Failed to run a server system.	Failed to connect local database to the server files.	Failed to integrate JavaScript file in the HTML pages.

The Irish Grading System

The grading system in CCT is the QQI percentage grading system and is in common use in higher education institutions in Ireland. The pass mark and thresholds for different grade bands may be different from what you have experienced in the higher education system in other countries. CCT grades must be considered in the context of the grading system in Irish higher education and not assumed to represent the same standard the percentage grade reflects when awarded in an international context.

Please review the CCT Grade Descriptor available on the module Moodle page for a detailed description of the standard of work required for each grade band, and review the marking criteria outlined in this assignment brief for a breakdown of the marking criteria for this specific assignment.

Additional Information

- Lecturers are not required to review draft assessment submissions. This may be offered at the lecturer's discretion.
- In accordance with CCT policy, feedback to learners may be provided in written, audio or video format and can be provided as individual learner feedback, small group feedback or whole class feedback.
- Results and feedback will only be issued when assessments have been marked and moderated / reviewed by a second examiner.
- Additional feedback may be provided as individual, small group or whole class feedback. Lecturers are not obliged to respond to email requests for additional feedback where this is not the specified process or to respond to further requests for feedback following the additional feedback.
- Following receipt of feedback, where a student believes there has been an error in the marks or feedback received, they should avail of the recheck and review process and should not attempt to get a revised mark / feedback by directly approaching the lecturer. Lecturers are not authorised to amend published marks outside of the recheck and review process or the Board of Examiners process.
- Students are advised that disagreement with an academic judgement is not grounds for review.
- For additional support with academic writing and referencing students are advised to contact the CCT Library Service.
- For additional support with subject matter content students are advised to contact the CCT Student Mentoring Academy
- For additional support with IT subject content, students are advised to access the CCT Support Hub.