

Web Design Project Details

Project Details

This assignment is worth 60% of your overall mark.

The assignment is project based and each project group will have a maximum of 5 participants. Your project application code should be zipped into a single .zip file that also includes a project coversheet as a Word document. The project coversheet should give a brief overview of the project and include a list of project team members. All projects must be submitted via Moodle on/before the deadline date. Projects submitted after the deadline will incur penalties as per the standard college policy.

The website/app will combine HTML, CSS and JavaScript. Students will be assessed on the quality of their markup (how well-formed it is), the functionality, interface quality (appropriate UI design that works cross-browser and cross device.) and complexity.

You are required to choose an area of interest to develop a website based on HTML, CSS, and JavaScript.

Sample Project Topics

1. Learning Support Site:

Your client has asked that you create a website that showcases the various learning supports and services provided at The National College of Ireland. You must liaise with your client via email in order to elicit a proper requirement specification. Your project should go through several phases of design before being tested, deployed and finalised with the client.

2. Car Showroom Site:

Your client has asked that you create a website for Caprani Motors car showroom. You must liaise with your client via email in order to elicit a proper requirement specification. Your project should go through several phases of design before being tested, deployed and finalised with the client.

3. Practice Manager's Forum Site:

Your client has asked that you redesign the existing site 'Practice Manager's Forum', a forum based website for managers of medical practices in Ireland. You must liaise with your client via email in order to elicit a proper requirement specification. Your project should go through several phases of design before being tested, deployed and finalised with the client.

4. Shoes Site:

Your client has asked that you create a website for 'Beal's Shoes' high end shoe store. You must liaise with your client via email in order to elicit a proper requirement specification. Your project should go through several phases of design before being tested, deployed and finalised with the client.

5. Web Design Site:

Your client has asked that you create a website that showcases the portfolio of web design company 'TinyPages'. You must liaise with your client via email in order to elicit a proper requirement specification. Your project should go through several phases of design before being tested, deployed and finalised with the client.

Marks Breakdown

1. Create a project proposal document. Your project proposal document should provide the following:
 - a. An introduction to the project subject matter.
 - b. The goals of the project.
 - c. The strategy that will be employed to meet the stated project goals.
 - d. The key characteristics of your project in terms of functionality.
 - e. A list of the project deliverables that will be submitted on project completion.

(10 marks)
2. HTML: Minimum 4 webpages that should include various elements such as forms, audio, video, images, and navigation.

(20 marks)
3. CSS: Apply appropriate CSS on various elements using mainly external Stylesheet.

(20 marks)
4. JavaScript: Use JavaScript for client side validation and functionalities. At least 3 examples.

(20 marks)
5. Any additional functionality such as provide interactive effects on the webpages using AJAX.

(10 marks)
6. Deployment.

(10 marks)
7. Demonstration: demonstrate the project.

(10 marks)