

## Assignment

This project requires you to build a responsive website. The topic is open, student can pick any topic of their choice. The website must be attractive and informative. You are highly encouraged to visit any sites yourself for research and resource gathering. This project will test your understanding of Javascript, CSS and HTML, specifically how to use Javascript and CSS media queries, flexible layouts, and flexible images to create a responsive web design. The goal of this project is to gain experience designing web pages for use on mobile and PC browsers using the responsive web design approach.

This project will be divided into two phases. The first phase requires you to produce a project proposal based on your chosen concept. A detailed design concept and clear project specifications are required to ensure the successful completion of this project. You need to plan in detail and carry out thorough research relevant to the concept. The second phase is the production of the website. No major changes to the proposal should be made after the proposal submission.

Your design should be original. Plagiarism of others' work is prohibited and those who do so will receive a failing grade for the course and possible expulsion. The usage of clip art is also not allowed. You are more than welcome to help each other and share ideas, but your submitted assignment must be your own.

### Guideline

- 1) Visit any of the reference sites.
- 2) Gather sufficient info to cover all aspects of your topic including surface and detailed information.
- 3) Use mind map techniques to identify the sections and pages your website will contain.
- 4) Analyzing the provided page's structure and style sheets.
- 5) Design a suitable website structure for your website. Create the navigational area.
- 6) You are **encouraged** to use various web technologies to improve your website.
- 7) Use JavaScript, CSS and HTML to produce Five (5) page layouts optimized for a smartphone and a desktop browser:
  - Desktop browser @ 1920 x 1080 pixels resolution
  - Tablet browser @ 1280 x 800 pixels resolution
  - Mobile browser @ 640 x 800 pixels resolution
- 8) It must be a **Responsive Site** which able to open on different devices. (desktop computer monitors to mobile phones)

- 9) There **must** not be any **broken links, missing images** and **unnecessary markup**.
- 10) Every page **must** contain the **DOCTYPE** (HTML 5.0)

### **Presentation – Proposal**

- 1) Your Proposal must have original content with a minimum of **500** words
- 2) Should not exceed 10 minutes (exceeding time will loose marks & use of less will loose marks)
- 3) You have to explain how you are going to execute your plan
- 4) Demonstrated understanding of **responsive design** best practices

**Deadline 30<sup>th</sup> August 2025**

### **Web Design Marking Rubric**

<b>Criteria</b>	<b>Excellent (80-100%)</b>	<b>Good (60-79%)</b>	<b>Satisfactory (40-59%)</b>	<b>Poor (0-39%)</b>	<b>Marks</b>
<b>Project Proposal - 15%</b>					
<b>Content</b>	The content is well-written, free from errors, and structured clearly. Fonts are readable.	The content is good with minimal errors and mostly clear organization.	Content has noticeable errors or readability issues.	The content is poorly written, with many grammatical errors or lack of structure.	
<b>Cover Design</b>	The proposal is visually appealing, with a clear and consistent design.	The proposal has a good design, but minor inconsistencies.	The proposal has a basic design with some inconsistencies.	Poor visual design with clashing colours, poor layout, or inconsistent styling.	
<b>Website Content &amp; Structure – 10%</b>					
<b>Content</b>	Content is well-written, free from errors, and structured clearly. Fonts are readable.	Content is good with minimal errors and mostly clear organization.	Content has noticeable errors or readability issues.	Content is poorly written, with many grammatical errors or lack of structure.	

<b>Structure</b>	<p>Navigation is intuitive, with a clear menu and well-structured layout. Users can easily find information.</p> <p>Website is fully responsive and works well on all screen sizes (desktop, tablet, mobile).</p>	<p>Navigation is mostly intuitive, with minor issues in layout or menu organization.</p> <p>Website is mostly responsive with minor issues on some devices.</p>	<p>Navigation is somewhat unclear, with some links hard to find or confusing placement.</p> <p>Website has responsiveness issues but is still somewhat usable.</p>	<p>Poor navigation; difficult for users to find content.</p> <p>Website is not responsive and does not function well on different screen sizes.</p>	
<b>Functionality &amp; Interactivity</b>	All interactive elements (buttons, forms, links, animations, etc.) work perfectly with no issues.	Most interactive elements work correctly, with minor functionality issues.	Some interactive elements are broken or do not work as expected.	Many interactive elements are broken or missing.	
<b>Final Site – 75%</b>					
<b>Requirements</b>	Website is professionally presented with proper documentation (wireframes, design choices, explanations).	Website is well-presented with basic documentation.	Website has minimal documentation and explanations.	Website lacks presentation and documentation.	
<b>Design</b>	The website is visually appealing, with a clear and consistent design, appropriate color schemes, and	The website has a good design with mostly consistent colors and fonts, but minor inconsistencies.	The website has a basic design with some inconsistencies in colors, fonts, or images.	Poor visual design with clashing colors, poor layout, or inconsistent styling.	

	high-quality images.				
<b>Advance</b>	Code is well-organized, clean, properly commented, and follows best practices.	Code is mostly clean and commented but may have minor inefficiencies.	Code is somewhat messy, with inconsistent formatting or lack of comments.	Code is unstructured, messy, and lacks comments.	
<b>Usability</b>	Website loads quickly with optimized images, efficient code, and minimal lag.	Website loads fairly quickly but has minor optimization issues.	Website has noticeable slowdowns due to unoptimized elements.	Website is very slow and unoptimized.	

### Grading Scale

- **Distinction (80-100%)** – Exceptional work, highly innovative, professional execution.
- **Merit (60-79%)** – Strong work with good research, structure, and multimedia integration.
- **Pass (40-59%)** – Acceptable but lacks depth, cohesion, or technical refinement.
- **Fail (0-39%)** – Does not meet academic standards, lacks clarity, or multimedia is poorly implemented.