

Rationale

As an aspiring developer, it is important to be able to demonstrate your abilities to prospective employers.

A great way to do this is to design, develop and deploy a website that showcases your talent, abilities and coding experience.

Description

You are to design, build, deploy and present a portfolio website.

The website needs to have the following information:

1. Your name and contact details.
2. Links to your Github and LinkedIn accounts.
3. Information about you to demonstrate your personality.
4. Your study and work history.

You are allowed to use a CSS library such as Bootstrap or even a theme you found on the internet. It is advised that you demonstrate you have customised the library or theme.

Submission

Please submit your deliverables via canvas to your teacher

Deliverables

Design Documentation

1. Demonstrate your understanding of your site's audience
2. Demonstrate the design decisions made
3. Demonstrate that you considered usability heuristics
4. Any wireframes
5. Style guide
6. Personal Logo

Compliant website using HTML and CSS

Demonstrate knowledge of HTML and CSS:

1. Compliant HTML & CSS

2. Organised folder structure
3. Readable code
4. Meta tags
5. Contains a sitemap
6. Contains a robots.txt
7. Includes favicons

Published website

1. Website is published on the web
2. Contains all required information (listed above)
5. Displays correctly on mobile devices
6. Displays correctly in different browsers (Safari, Chrome, Firefox and Internet Explorer)
7. Use of images and/or other multimedia
8. Consistent use of fonts, colours
9. Navigation
10. Optimised images

Presentation

You are to deliver a 5 - 8 minute presentation to the class.

The presentation should include:

1. A Walk-through of your design decisions and documents
2. A review of your build process - challenges, favourite parts
3. A walk-through of your live site and pointing out its features
4. Answer any questions from students or teachers.

Marking Guide

Deliverable | Mark

Design documentation | 30%

Website code | 30%

Published website | 30%

Presentation | 10%

TOTAL | 100%

Project 1 Portfolio

Criteria

Criterion 1. Plan and design a comprehensive website

INT1012 Plan a comprehensive website in a professional report

INT1012 Demonstrate ability to express the topic through the use of web page elements, contexts, and graphics

PRG1060 Employ different techniques pertaining problem solving skills

CMP1041 Plan and create functional programs

- 0 points: Not completed
- 5 points: Has wireframes for one screen size, minimal documentation on solution
- 6 points: Has wireframes for one screen size, well written content
- 8 points: Has excellent wireframes for multiple screen sizes including mobile and desktop, well written content, style guide of colors & typography
- 10 points: Has excellent wireframes for multiple screen sizes including mobile and desktop, well written content, comprehensive style guide of colors & typography

Criterion 2. Demonstrates web programming techniques

INT1012 Apply basic web programming techniques to create or recreate functional web page elements

INT1012 Develop a website with correct and appropriate use of HTML & CSS, following a detailed design brief

CMP1041 Demonstrate practical knowledge of the use of software development tools

PRG1060 Employ different techniques pertaining problem solving skills

- 0 points: Not attempted
- 5 points: Shows very basic knowledge and understanding of HTML & CSS. Works in one desktop browser (e.g. Chrome).
- 6 points: Shows moderate knowledge and understanding of HTML & CSS. Uses media queries and other responsive CSS techniques. Works in multiple desktop browsers (e.g. Chrome, Firefox, Safari).
- 8 points: Shows solid knowledge and understanding of HTML & CSS. Uses media queries and other responsive CSS techniques. Works well on mobile and desktop.
- 10 points: Shows excellent knowledge and understanding of HTML & CSS. Uses media queries and other responsive CSS techniques. Works excellently on mobile, tablet, and desktop, for multiple browsers.

Criterion 3. Demonstrate ability to deploy a fully functioning website to a cloud hosting service

CMP1043 Complete the software design phase of a software development life-cycle

CMP1041 Successfully conclude a project according to design specifications, and testing

CMP1041 Demonstrate practical knowledge of the use of software development tools

- 0 points: Not attempted
- 5 points: Successfully deploys to a cloud hosting service, with some broken links / images
- 6 points: Successfully deploys to a cloud hosting service, with some broken links / images, meta tags
- 8 points: Successfully deploys to a cloud hosting service, with minimal broken links / images, clean URLs (e.g. not /about.html), meta tags, robots.txt, uses HTTPS
- 10 points: Successfully deploys to a cloud hosting service, with no broken images / links, clean URLs (e.g. not /about.html), meta tags, sitemap, robots.txt, custom favicon / logo, uses HTTPS, uses custom domain name

Criterion 4. Clearly present problem and demonstrate compelling solution to audience

CMP1041 Successfully conclude a project according to design specifications, and testing

CMP1041 Demonstrate practical knowledge of the use of software development tools

- 0 points: Not attempted
- 5 points: Demonstrates solution to audience
- 6 points: Explains and demonstrates solution to audience
- 8 points: Clearly communicates problem and need for solution to class with realistic demonstration
- 10 points: Clearly communicates problem and need for solution to class with realistic demonstration, uses visuals and/or story-telling to engage audience