Portfolio (A1-3)

Submit Assignment

Due Sunday by 21:00   **Points** 150   **Submitting** a file upload   **File Types** zip
Available Mar 19 at 8:00 - Mar 29 at 22:59 11 days

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1. Background

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.

This project covers off key Diploma learning outcomes required for accreditation (see section 7 below).

2. Description

This project is to be completed individually.

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

At a minimum, your website must include the following information,

a. Your name and contact details.
b. Links to your Github and LinkedIn accounts.
c. Information about you to demonstrate your personality.
d. Your study and work history.

Your portfolio website forms part of the greater internet. A fullstack developer must have an appreciation & understanding of the historical and technical aspects of the web. To satisfy diploma requirements, include short answers to the following questions in your documentation,

1. Describe key events in the development of the internet from the 1980s to today (max. 150 words)
2. Define and describes the relationship between fundamental aspects of the internet such as: domains, web servers, DNS, and web browsers (max. 150 words)
3. Reflect on one aspect of the development of internet technologies and how it has contributed to the world today (max. 150 words)

Good luck! & Have fun :)

3. Schedule

Day	Task
Tue	Work on Project

Wed	Work on Project
Thu	Work on Project
Fri	Work on Project
Sat	
Sun	Canvas Submission
Mon	Presentation

4. Submission

- This project must be submitted via Canvas
- Your submission is to be a single zip file (organised as described in the *Deliverables* section below)

4.3.1 Filename

Use the following convention to name the submission zip file,

```
<Fullname>_A1-3.zip
```

Where,

- `<Fullname>` is to be replaced by your Fullname
- `A1-3` is this Assignment's ID.

For example, if your name is `Luke Skywalker`, the zip file you would submit would be named as follows,

```
LukeSkywalker_A1-1.zip
```

4.3.2 Late Submission

A penalty of 10% per day (capped at maximum of 5 days) may apply for late submissions.

5. Deliverables

Following are the submission deliverables for this project,

Deliverable	Description	Location (in Zip file)
`README.md`	Project documentation is to be compiled as a single markdown file named `README.md` This file should contain, - A link (URL) to your published portfolio website	/ (Root folder of your zip file)

- A link to your GitHub repository
    - Ensure the repository (*repo*) is accessible by your Educators
- Description of your *portfolio* website, including,
    - Purpose
    - Functionality / features
    - Sitemap
    - Screenshots
    - Target audience
    - Tech stack (e.g. html, css, deployment platform, etc)
- Design documentation including,
    - Design process
    - Wireframes
    - Personal logo (optional)
    - Usability considerations
- Details of planning process including,
    - Project plan & timeline
    - Screenshots of Trello board(s)

- Short Answer Q&A - Include short answers to the following questions,
    - Describe key events in the development of the internet from the 1980s to today (max. 150 words)
    - Define and describes the relationship between fundamental aspects of the internet such as: domains, web servers, DNS, and web browsers (max. 150 words)
    - Reflect on one aspect of the development of internet technologies and how it has contributed to the world today (max. 150 words)

Resources	All files linked by the `README.md` file must be included in a folder named `docs` All resources included in this folder must be in either png, jpeg, pdf, or markdown format	**docs/**
Source Code	Source code for your entire *website*	**src/**
Presentation	Slide deck of your presentation in pdf format	**ppt/**

Note: All links to online material should have corresponding screenshots included in submission.

6. Presentation

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

The presentation should include,

a. A walk-through of your live portfolio website and its features
b. A walk-through of your design process and decisions
c. A review of your development/build process including challenges, ethical issues, favourite parts, etc
d. Answer questions from the audience

7. Learning Outcomes

This project assesses the following Subject(s) and Learning outcomes,

7.1 INT1012 - Introduction to Web

- **INT1012-1** Develop a website with correct and appropriate use of HTML and XHTML, following a detailed design brief
- **INT1012-2** Demonstrate an understanding of key historical and theoretical aspects of the internet
- **INT1012-3** Plan a comprehensive website in a professional report
- **INT1012-4** Demonstrate ability to express the topic through the use of web page elements, content, and graphics
- **INT1012-5** Apply basic web programming techniques to create or recreate functional web page elements

8. Marks

Marks for this Assessment (as released in Canvas) are only raw marks and may not necessarily reflect final grades on transcripts. Grades are only finalized after review by the Academic Board and applicable processing (moderation, etc).

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Criteria	Ratings					Pts
Project shows evidence of having design planning, eg, wireframes, colour schemes, fonts, and mood boarding	**10.0 to >8.5 pts HD** Project shows outstanding evidence of design planning, colour schemes and font planning clearly demonstrated, and inspiration is well documented.	**8.5 to >7.5 pts D** Project shows excellent evidence presented of colour schemes, font planning, and inspiration.	**7.5 to >6.5 pts C** Project shows solid evidence presented of colour schemes, font planning, and inspiration.	**6.5 to >5.0 pts P** Project shows evidence presented of colour schemes, font planning, and inspiration.	**5.0 to >0 pts F** Project shows little or no evidence of design planning	10.0 pts
Project shows evidence of use of project management tools, such as Trello and Git to obtain the solution	**10.0 to >8.5 pts HD** Project shows outstanding evidence of correct use of project management tools, including appropriate use of Trello and appropriate number of Git commits, with well considered commit messages, to reach the planned solution.	**8.5 to >7.5 pts D** Project shows excellent evidence of use of project management tools, with a detailed Trello board, and several or more appropriate Git commits, with well considered commit messages.	**7.5 to >6.5 pts C** Project shows some evidence of use of project management tools, with a solid Trello board, and several Git commits.	**6.5 to >5.0 pts P** Project shows minimal evidence of use of project management tools, with a basic Trello board, and minimal Git commits.	**5.0 to >0 pts F** Project shows little or no evidence of use of project management tools.	10.0 pts
Description: Project has well designed and detailed wireframes	**10.0 to >8.5 pts HD** High quality, detailed wireframes completed for several screens, and screen sizes.	**8.5 to >7.5 pts D** Detailed wireframes for several screens completed.	**7.5 to >6.5 pts C** Wireframes for several screen sizes completed.	**6.5 to >5.0 pts P** A few wireframes for two screen sizes completed.	**5.0 to >0 pts F** Wireframes absent from project submission.	10.0 pts

Criteria	Ratings					Pts
Portfolio website displays correctly	**10.0 to >8.5 pts HD** Website displays correctly on local and production environments, on three or more device sizes including desktop and mobile	**8.5 to >7.5 pts D** Website displays correctly on local and production environments, on both desktop and mobile devices	**7.5 to >6.5 pts C** Website displays correctly in only one environment and/or on only one device size	**6.5 to >5.0 pts P** Website displays correctly in local environment on one device size	**5.0 to >0 pts F** Website does not display correctly in any environment or on any device	10.0 pts
Portfolio website follows design brief	**10.0 to >8.5 pts HD** Portfolio follows design brief precisely, exceeding expectations	**8.5 to >7.5 pts D** Portfolio follows all elements of design brief	**7.5 to >6.5 pts C** Portfolio follows most elements of design brief	**6.5 to >5.0 pts P** Portfolio follows basic elements of design brief	**5.0 to >0 pts F** Portfolio does not follow design brief	10.0 pts
Demonstrate knowledge of web technologies (e.g. html, css)	**10.0 to >8.5 pts HD** Demonstrates exceptional knowledge of HTML & CSS	**8.5 to >7.5 pts D** Demonstrates excellent knowledge of HTML & CSS	**7.5 to >6.5 pts C** Demonstrates good knowledge of HTML & CSS	**6.5 to >5.0 pts P** Demonstrates basic knowledge of HTML & CSS	**5.0 to >0 pts F** Demonstrates subpar knowledge of HTML & CSS	10.0 pts
Description: Use of images and/or other multimedia (Portfolio makes appropriate use of multimedia and images.)	**10.0 to >8.5 pts HD** Makes outstanding and appropriate use of multimedia and images, with perfect fit to design, and convey the personality of the developer.	**8.5 to >7.5 pts D** Appropriate use of multimedia and images, with good fit to design, that conveys the personality of the developer.	**7.5 to >6.5 pts C** Some use of multimedia and images, with a good fit to design.	**6.5 to >5.0 pts P** Images and multimedia included according to design.	**5.0 to >0 pts F** Images and multimedia omitted or very poorly applied to site.	10.0 pts

Criteria	Ratings					Pts
Description: Consistent use of fonts, colours	**10.0 to >8.5 pts HD** Colours and fonts show outstanding consistency throughout the site.	**8.5 to >7.5 pts D** Site shows excellent consistency of fonts and colours.	**7.5 to >6.5 pts C** Site shows solid consistency of fonts and colours.	**6.5 to >5.0 pts P** Site shows some consistency of fonts and colours.	**5.0 to >0 pts F** Fonts and colours inconsistently used throughout the site.	10.0 pts
Description: Appropriate content for portfolio website	**10.0 to >8.5 pts HD** Website content is highly relevant for a portfolio website, error free, articulate, readable, and compelling.	**8.5 to >7.5 pts D** Content is appropriate for a portfolio website - clearly written relevant content, with no errors.	**7.5 to >6.5 pts C** Content is appropriate for a portfolio website - solidly written content, with few grammatical errors and and spelling mistakes.	**6.5 to >5.0 pts P** Content is appropriate for a portfolio website.	**5.0 to >0 pts F** Content is inappropriate for a portfolio website	10.0 pts
Description: Navigation element is functional and intuitive	**10.0 to >8.5 pts HD** Navigation is delightful. In addition to D, the user wants to explore the portfolio because it is fun.	**8.5 to >7.5 pts D** Navigation is pleasing. The navigation between all pages is highly intuitive and creative.	**7.5 to >6.5 pts C** Navigation does not detract from the experience of the portfolio. All ways to navigate to any page work, and there is an intuitive way to access every page.	**6.5 to >5.0 pts P** Navigation is sometimes frustrating. It is possible to navigate to all pages in at least one way. It may take multiple clicks, and some paths to a page may fail.	**5.0 to >0 pts F** Navigation is painful. It is not possible to navigate to all pages of the website without explicitly typing in a url.	10.0 pts
Description: Effective use of layout/grid methods (Flexbox, Grid, Bootstrap, etc)	**10.0 to >8.5 pts HD** Layout/grid methods are used throughout the portfolio to produce delightful page appearance in all display sizes.	**8.5 to >7.5 pts D** Layout/grid methods are used consistently to produce pleasing page layouts in multiple display sizes.	**7.5 to >6.5 pts C** A layout/grid method is used in at least one place to improve the appearance of the portfolio.	**6.5 to >5.0 pts P** Some layout/grid method (Flexbox, Grid, Bootstrap) is used in the portfolio. It may not necessarily be used in a way that improves the user experience.	**5.0 to >0 pts F** There is no use of layout or grid methods in the portfolio.	10.0 pts

Criteria	Ratings					Pts
Description: Effective use of tables	**10.0 to >8.5 pts HD** The use of tables significantly adds to the beauty and usability of the portfolio. The styling is surprising and delightful and adds to the enjoyment of the portfolio use.	**8.5 to >7.5 pts D** All tables are styled and used in a way that improves the user experience of the information presented in the portfolio.	**7.5 to >6.5 pts C** Tables are used to present information in a way that is easy to read and does not detract from the beauty of the portfolio. Styling is used in at least one instance to enhance the user experience of a table.	**6.5 to >5.0 pts P** A table is used to effectively display information in at least one instance, but styling is limited or missing.	**5.0 to >0 pts F** No tables are used, or tables impede the viewing of information in the portfolio.	10.0 pts
Describes key events in the development of the internet from the 1980s to today	**10.0 to >8.5 pts HD** Provides an extensively detailed and relevant description of key events in the development of the internet	**8.5 to >7.5 pts D** Provides a detailed and relevant description of key events in the development of the internet	**7.5 to >6.5 pts C** Provides a detailed and relevant description of key events in the development of the internet	**6.5 to >5.0 pts P** Provides a general comment with some relevant descriptions of key events in the development of the internet	**5.0 to >0 pts F** Provides some basic statements about the history of the internet	10.0 pts
Defines and describes the relationship between fundamental aspects of the internet such as: domains, web servers, DNS, and web browsers	**10.0 to >8.5 pts HD** Provides an extensively detailed and nuanced description of the relationship between fundamental aspects of the internet	**8.5 to >7.5 pts D** Provides a highly detailed description of the relationship between fundamental aspects of the internet	**7.5 to >6.5 pts C** Provides a detailed description of the relationship between fundamental aspects of the internet	**6.5 to >5.0 pts P** Provides some general points about the relationship between fundamental aspects of the internet	**5.0 to >0 pts F** Provides some basic statements about the relationship between fundamental aspects of the internet	10.0 pts

Criteria	Ratings					Pts
Reflects on one aspect of the development of internet technologies and how it has contributed to the world today.	10.0 to >8.5 pts **HD** Provides an extensively detailed reflection on how one aspect of the internet has changed over time	8.5 to >7.5 pts **D** Provides a highly detailed reflection on how one aspect of the internet has changed over time	7.5 to >6.5 pts **C** Provides a detailed reflection on how one aspect of the internet has changed over time	6.5 to >5.0 pts **P** Provides a general comment on how one aspect of the internet has changed over time	5.0 to >0 pts **F** Provides a basic statement about an aspect of the internet that has changed over time	10.0 pts

Total Points: 150.0

Criteria	10.0 to >8.5 pts	8.5 to >7.5 pts	Ratings 7.5 to >6.5 pts	6.5 to >5.0 pts	5.0 to >0 pts	Pts
	HD	**D**	**C**	**P**	**F**	