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| practical  portfolio  **Evidence of Learning, Up-skilling and Project Progress** |
| SIT120 Introduction to Responsive Web Apps  Assessment 2: Practical Portfolio and Project Progress Vittorio Truglio - 219179512 |

Evidence of

**Marking Justification**

In completing SIT120 Assessment 2, I am aiming for a High Distinction in the submission and eventual graded return of this assessment task. I believe challenging myself will allow me to not only bring out the best of my own personal abilities, but also fully receive the maximized benefits of this unit, as I delve into a myriad of differing elements of responsive web app development.

The aim of this practical portfolio is to reflect a standard befitting of the aforementioned target grade in mind, doing so by providing task results through screenshots and GitHub links to relevant programming documentation. Further to this, each week will provide an in-depth reflection of what content was learned as to showcase my own personal understanding of the provided material and lab exercises.

**Week 1**

**Reflections**

The first week of SIT120 covers an introductory approach to web applications and the basics of web design operating in tandem with it. As such, this week focused on developing a base understanding and skill foundation of technologies and web languages.

The first amongst these being HTML, standing for Hypertext Markup Language. This technology is dedicated to providing the basic structure of sites, being the focus of Pass Task 1 in the utilisation of HTML tags for a web page.

CSS, standing for Cascading Style Sheets, is the programming language focused on control presentation and webpage formatting and layout. This language, alongside JavaScript, is explained as the enhancing technology to HTML, through visual look and stylization. This particular language was the focus of Pass Task 2, providing the aforementioned ‘style’ to the task’s webpage.

JavaScript is the final of the three provided languages, being fully utilised to control the behaviour of elements provided by a developer on their webpage. This language was the focus of Pass Task 3, through the modification of website content and its responsiveness to user action.

Further building upon this framework, the remaining Pass and then Credit tasks focused on critical and additional skills past the base understanding of the three web development languages. Due to the need of GitHub throughout this unit, Week 1 showcased the installation process as well as the use of the software in creating a repository and ‘pushing’ code to upload it to my own personal storage. Credit Task 5 then offered a look into additional content, being the creation of a basic Todo component achieved through the use of Vue.js, a view model front end for JavaScript framework.

**Lab Exercise Answers**

**Pass Task 1 – Create an HTML Page**

**Screenshots:**

**Text

Description automatically generated**

Graphical user interface

Description automatically generated with low confidence

**Pass Task 2 – Add CSS to your HTML page**

**Screenshots:**

Text

Description automatically generated

Text

Description automatically generated

Graphical user interface, application

Description automatically generated

**Pass Task 3 – Adding JavaScript**

**Screenshots:**

Text

Description automatically generated

Text

Description automatically generated

Graphical user interface, application

Description automatically generated

**Pass Task 4 – How to use Git and GitHub**

**Screenshots:**

A picture containing application

Description automatically generated

**Credit Task 5 – Vue.js Framework**

**Screenshots:**

Text

Description automatically generated

Text

Description automatically generated

Text, letter

Description automatically generated

**GitHub Link:**