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| **Module** | **Portfolio** | **Assessment Type** |
| Collaborative Development (5CS024) | 1 | Individual Report |

[Project Case - Role]

Student Id : NP03A190261

Student Name : PRITISMA THAPA

Section : L5CG5

Group : L5CG5 Group 1

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Lecturer : PANKAJ NIRAULA

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**Acknowledgement**

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# Self-appraisal form

|  |  |  |  |
| --- | --- | --- | --- |
| Student number | 2052300 | Name | Pritisma Thapa |
| Project | Content Management System | Date | 2021-04-16 |
| Role | Developer | Team | L5CG5 (group 1) |
| Sprint (1 or 2) | Sprint 1 |  |  |

# Personal objectives – performance measurement

|  |  |  |  |
| --- | --- | --- | --- |
| **Objectives** | **Evidence provided**  *(E.g. appendix A, file name etc.)* | **Evaluation**  *Student / tutor* | |
| Choosing the right language | \*\*Write what are the evidence provided\*\*  \*\*Link to the Risk analysis document in the same file (Cross referencing) (Appendix A) \*\* | Self-evaluation |  |
| *Tutor feedback:* | | | |
| Implementing functional requirement | \*\* write how do you think you have completed the provided objective (max 75 words) \*\*  \*\*Write what are the evidence provided\*\*  \*\*Link to the People Management document in the same file (Cross referencing) (Appendix A)\*\* |  |  |
| *Tutor feedback:* | | | |
|  |  | /50 | /50 |

**Evidence Provided**: The reference of the appendix in which the evidence can be found (*Appendix A, appendix B, screenshot.jpg, myreport.docx* etc. please attach to this form). Don’t hesitate to add comments and notes to your appendices to highlight particular sections, relevant pieces of code etc.

# Collaboration Document

# Evidence of good collaboration

## Good communication and file sharing

Receivable evidence includes:

* Emails and other types of messages (Facebook messenger, WhatsApp etc.)
* Screenshots of Basecamp conversations in which you actively participate.
* Screenshots showing files (designs, reports) that **you** shared with your team on Basecamp

***Important****: Please include no more than 5 items*

Summarize What you have done (max 75 words)

\*\*Link to the evidence document in the same file (Cross referencing) (Appendix B) \*\*

**Continuing Personal Development (CPD)**

Receivable evidence includes:

* Course/seminar attendance register
* Online course: certificate of completion
* Word document summarising what was learnt and how it can be used on the project

***Important****: Please include no more than 5 items*

Summarize What you have done (max 75 words)

\*\*Link to the 500-word report in the same file (Cross referencing) (Appendix B) \*\*

## Issue tracking

Receivable evidence includes:

* Screenshots of **personal contributions** to GitHub issues.

***Important****: Please include no more than 5 items*

Summarize What you have done (max 75 words)

\*\*Link to the 500-word report in the same file (Cross referencing) (Appendix B) \*\*

## Work to deadlines

**No evidence required**. Your tutor will decide whether you have worked to deadlines based on various factors (team meetings, discussions with other team members, discussion with client etc.)

# Appendix A

# Choosing for the right technologies

## Choosing the right technologies

For the project of content management system where our team is assigned to make a website of Herald College website, the app used for the project is Visual Studio Code. It is one of the most popular and used free source code editor that is flexible in many ways. It even has additional extensions and colours that make it look more refined and eye catching.

## Frameworks for front end

A front-end software developer oversees designing graphic aspects in a website that people see and engage with. Front-end as the name explains is responsible for the designing of the website, does the front work for the website. Front end developer is responsible for all that users see first in their website or app. Front end development is mostly concerned with what others refer to as the "client hand" of development. Front end developers will be responsible for testing code, designing, and fixing apps, as well as maintaining a consistent user interface. Front end developers are in charge of a website's design and look. (Stewart, 2020)

*Some of the mostly used frameworks for the front-end developer are:*

### HTML

HTML, or hypertext markup language, is a formatting method for viewing information obtained from the Internet. Each replication unit is referred to as a Web page (from the World Wide Web), and such pages often contain hypertext links that allow the replication of similar pages. HTML is the markup language used to create Web sites. Sir Tim Berners-Lee, a British physicist, developed it in the 1980s at the CERN nuclear physics research lab in Switzerland. HTML markup tags are used to define document items such as headings, columns, and tables. They format a document such that it can be used by a computer application known as a web browser. The browser interprets the tagging and displays the headings, paragraphs, and tables in a style that is appropriate for the screen size and fonts required.

### CSS

CSS, or Cascading Style Sheets, is a basic programming language designed to make the task of rendering web pages presentable easier. CSS looks after a web page's appearance and design. CSS allows you to change the colour of the text, the font type, the distance between lines, how columns are arranged and spaced out, what visual elements or colours are used, interface styles, display changes with various platforms and screen sizes, and a host of other effects. CSS is simple to learn and understand, but it gives a lot of influence over how an HTML page looks. CSS is most widely used in conjunction with the scripting languages HTML or XHTML. CSS is basically superior style for the HTML. (Tutorials point, n.d.)

### Bootstrap

Bootstrap is a free open - source software front end software framework for developing websites and smartphones. The Bootstrap architecture is based on HTML, CSS, and JavaScript, making it simple to create responsive, mobile-friendly websites and applications. Along with the platform for deployment, Bootstrap contains user interface modules, JS tools, and layouts. Keeping up with the web's highly sensitive architecture can be a great challenge for web developers. Bootstrap will make life a lot simpler. Bootstrap allows to build responsive websites without having to know a lot about HTML and CSS. Bootstrap is based on responsive web design. This means that with Bootstrap, anyone can conveniently build websites that look and run correctly on a variety of devices. (Robson, 2019)

### AngularJS

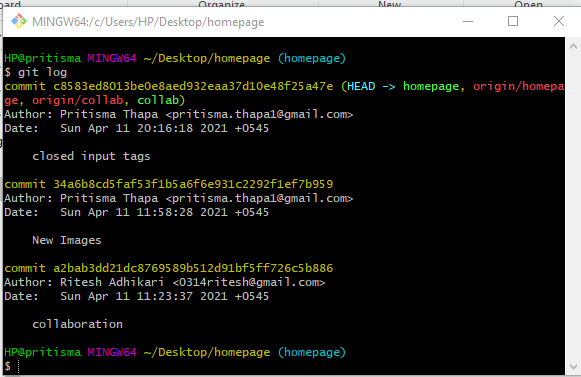
Angular.js is one of the frameworks of JavaScript, which was first developed in 2009 by Miško Hevery in Brat Tech LLC. It is widely used by front-end developers for making their website or web apps dynamic. Angular.js is a free open-source framework of JavaScript which is maintained by Google for making single page applications. It is a built-in declarative programming that means programs can be run without proper lists of commands. As like any most other front-end frameworks, it also requires HTML as template language for the functionality. It is based on the principles of MCV (Model View Controller) architectural pattern, which means we have to divide and manage both the Modular view and the controller. In this framework, directives are used, which adds the aspect of functionality to HTML. (Gupta, 2018)

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# Implementing functional requirement

## Codes and its explanation

## Use of Version control (Screenshots of logs)



# Appendix 2

1. Evidences of Good communication and file sharing
2. Evidences of Continuing Personal Development (CPD)
3. Evidences of Issue tracking

# References