**Project Plan**

Website Development of Australian Council for Clinical Physiologists

Introduction

We will develop a Website for Australian Council for Clinical Physiologists (ACCP). Having a web-based presence is vital to providing members and prospective members with all relevant information around the services provided by ACCP.

Project Management

**Chosen Methodology:**

* Agile Methodology is largely used in ICT projects; it gives an opportunity for the teams to incrementally deliver the product to the customer as it goes on.
* It can also provide the option to change the requirements as per the customer’s needs and wants.
* During the lifecycle of the project, PMs and all the stakeholders can regularly see the project outcomes and the progress of the project.

**Project management tools:**

GitHub: We will use GitHub, which is an application that allows us to implement version and source control in the project.

Trello: We will use Trello. It is an application that is used to create lists of tasks that need to be completed. This gives us a visual way of tracking who is working on a particular task.

**Specifications**:

We will follow these software requirement specifications when developing the web page.

General Specifications:

1. The overall layout of website must closely mirror the wireframes from Assessment 1.
2. Website must consist of a minimum of four (4) pages
3. Mark-up language chosen must be suitable for the project
4. All mark-up and CSS files must be stored in the parent folder. Images must be stored in a separate folder inside the parent folder
5. All mark-up and CSS files must be thoroughly commented
6. All mark-up and CSS files must successfully validate in tools provided by the World Wide Web Consortium without errors
7. Suitable code formatting principles (e.g. indenting) must be applied.
8. All pages must be professionally finished. For example;
   * Layout items must not be left-aligned
   * Left and right margins are equal
   * Suitable images have been used
   * Suitable fonts have been used
   * Layout items float to the centre of the page
9. Must use a combination of mark-up elements and CSS to create website layout. May not use tables.

Mark-up Specifications:

1. The main page of the website must be indicated with the appropriate filename (i.e. home or index)
2. All other pages of the website must have appropriate filenames
3. All mark-up documents must have the appropriate file extension for the mark-up language (e.g. \*.css)
4. One page must have a minimum of four (4) layout areas
5. All mark-up document titles must be meaningful and consistent
6. All mark-up documents must have a doc type declaration
7. All mark-up documents must have a UTF-8 character set declaration
8. All mark-up documents must link to an external CSS file
9. One page must contain an image gallery
10. One page must contain a responsive form with the following fields as a minimum
    * Name
    * Address
    * Phone
    * Email
    * Comments/Enquiries
11. Navigation must be consistent across all mark-up documents
12. All mark-up documents must contain at least one (1) image **or** video
    * All images must have the alt attribute applied
13. At least one page must contain a list
14. At least one page must contain a responsive table
    * The table must contain one instance of row or column spanning
15. At least two instances of nested elements

Style Specifications:

1. Website must only use one (1) external CSS file
2. CSS file cannot have superfluous rules
3. The significant majority of styling must be defined in external CSS file
4. Must implement at least one (1) embedded style sheet that overrides style(s) in the external sheet
5. Must implement at least one (1) inline style sheet that overrides style(s) in the external sheet
6. Must use at least three (3) mark-up language level selectors
7. Must use at least three (3) ID selectors
8. Must use at least three (3) class selectors
9. Must use at least three (3) pseudo selectors
10. Website must respond to a minimum of four (4) different device sizes
11. Website must have a layout that is suitable for printing
12. An additional style requirement specified by the teacher

**Deadline of delivery**: 3rd of June, 2019

Website Accessibility and Compatibility

**Testing Browsers**

We will test our website in a minimum of three (3) browsers to attempt to discover any cross-browser issues. The brewers that we used for testing.

* + **Browser 1**: Microsoft Edge
  + **Browser 2**: Google Chrome
  + **Browser 3**: Firefox

**Testing Resolutions**

We will test our website at a minimum of four (4) screen resolutions to confirm the responsiveness of our website. The resolutions that we tested our website are as below-

* **Resolution 1**: 1920 X 1080
* **Resolution 2**: 1280 X 960
* **Resolution 3**: 1024 X 768
* **Resolution 4**: 640 X 480

**Test Results**

Any compatibility issues detected or differences in display/layout we will be noted and described in the table provided below.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Date Raised** | **Raised By** | **Description** | **Impact** | **Resolution** | **Date Resolved** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |