PROJECT CHARTER

1. General Project Information	
Project Name:	**A static webpage example**
Executive Sponsors:	**-**
Department Sponsor:	**-**
Impact of project:	Learning outcomes

2. Project Team	Name	Department	Telephone	E-mail
Project Manager:	Mike Navarro			mike@assemblerschool.com
Team Members:	Prattya Datta			prattyadatta@gmail.com

3. Stakeholders *(e.g., those with a significant interest in or who will be significantly affected by this project)*
Cristian Fondevila

4. Project Scope Statement
Project Purpose / Business Justification *Describe the business need this project addresses*
The scope of the project is to develop understanding of making a complete static webpage using best HTML5 practicesand learn how javascript is used in tandem to improve user experience.
Objectives (in business terms) *Describe the measurable outcomes of the project, e.g., reduce cost by xxxx or increase quality to yyyy*
Develop a static web-page capable to be viewed and responsive enough on various internet browsers

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Project Manager:	Mike Navarro			mike@assemblerschool.com

Deliverables *List the high-level "products" to be created (e.g., improved xxxx process, employee manual on yyyy)*

A static website with the following 5 sections:

- A home page with menu and carousel
- A services page
- An about us page with videoplayback options
- A gallery page with interactive images
- A contact us page with form functionality

Scope *List what the project will and will not address (e.g., this project addresses units that report into the Office of Executive Vice President. Units that report into the Provosts Office are not included)*

The project will address the learning outccome of how to make a good static webpage which is responvsive using HTML5, javascript and CSS. The page need not be dynamic

Project Milestones *Propose start and end dates for Project Phases (e.g., Inception, Planning, Construction, Delivery) and other major milestones*

Proposed start date: 29/10/2019

Planning date : 29-30/10/2019

Building date: 30-31-1/11/2019

Delivery date: 03/11/2019

Major Known Risks (including significant Assumptions) *Identify obstacles that may cause the project to fail.*

Risk	Risk Rating (Hi, Med, Lo)
Non profeciency in Javascript	High-Level
Bootstrap carousel	Medium-level
Videoplayback and images in gallery	High-Level

Constraints *List any conditions that may limit the project team's options with respect to resources, personnel, or schedule (e.g., predetermined budget or project end date, limit on number of staff that may be assigned to the project).*

Lack of high proficiency in Javascript

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External Dependencies *Will project success depend on coordination of efforts between the project team and one or more other individuals or groups? Has everyone involved agreed to this interaction?*

5. Communication Strategy *(specify how the project manager will communicate to the Executive Sponsor, Project Team members and Stakeholders, e.g., frequency of status reports, frequency of Project Team meetings, etc.*

6. Sign-off

	Name	Signature	Date (MM/DD /YYYY)
Executive Sponsor			
Department Sponsor			
Project Manager			

7. Notes

The project was delivered by the delivery date but required minor revisions

List of tasks to be performed:

1. Development of HTML5 and CSS of the complete website
2. Adequate JS scripts as a supplementary
3. Synchronize the work using GIT workflow
4. Testing and deployment of the complete site.

Details of the tasks to be performed including difficulty and priority level. Difficulty level is explained on a scale of 1 to 5 (5 being the most difficult). Priority is explained on the level of 1 to 5 (again 5 the highest parameter being the most prioritized work). Details also include estimated time for each task.

Task	Priority	Difficulty	Estimated time(in hrs)
Build the menu HTML5 and CSS	4	3	5
Carousel	3	4	1
About us page(excluding video)	2	3	3
Add video	3	5	3
Services page	1	2	2
Contact us page	2	2	2
Gallery page	4	5	4
GIT workflow	5	5	unknown
Adding various JS codes	5	5	6

Record of lessons learned:

- How to add additional Javascripts for adding animation to click on pictures
- Additional Javascripts for video playback inside a frame
- Carousel
- To be learned: how to add location to breadcrumbs using javascript
- More hands on training on GIT
- Develop project more on the scale of professional web developers
- Better handing of bootstrap and responsive web design
- More proficiency in Javascript

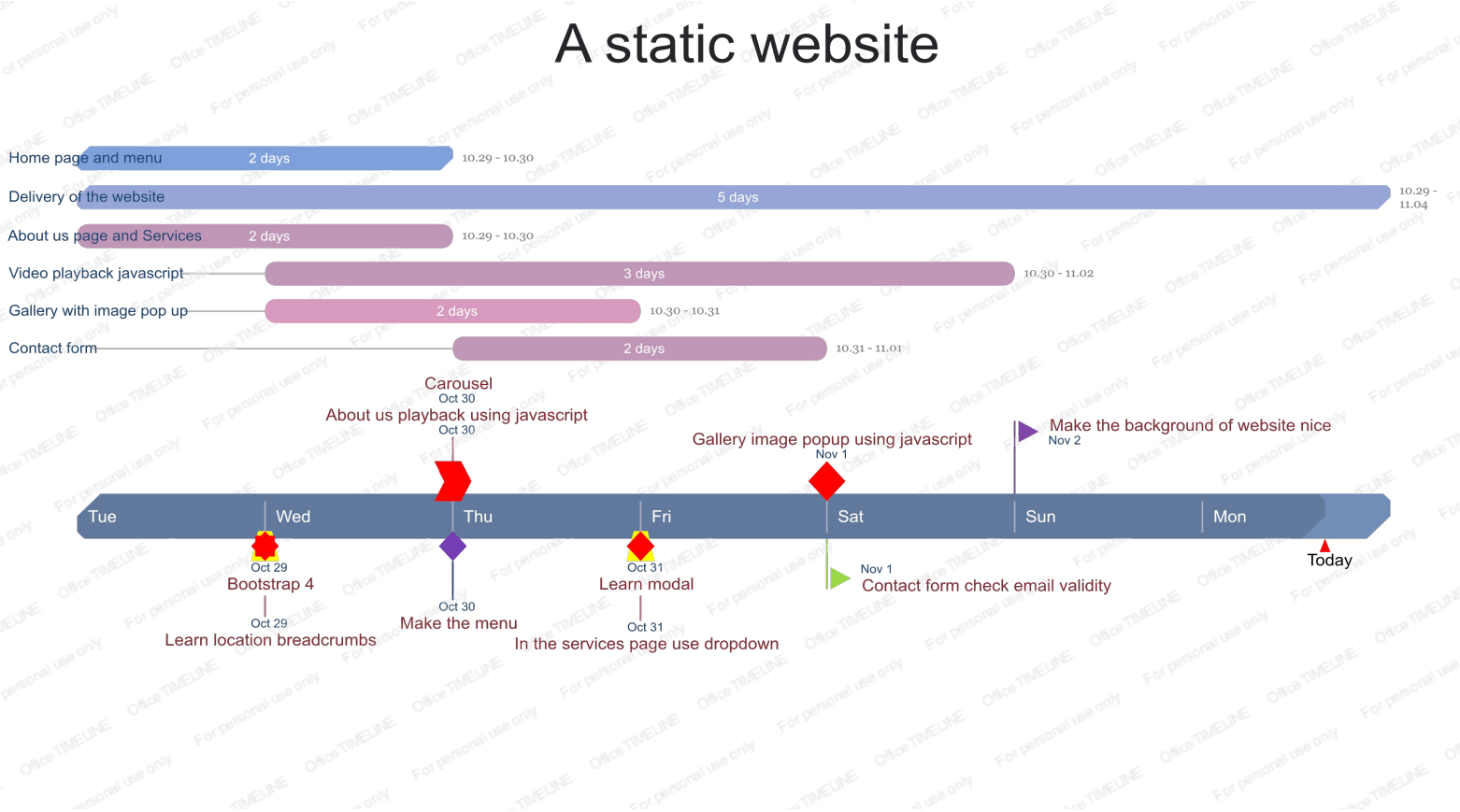
Project calender

Day1

29/10/2019 2:30pm - Assignment of the project
29/10/2019 3:30pm - Completion of Basic ideation and start of Github repository
29/10/2019 3:45pm - Start of basic HTML bone of the project
29/10/2019 5:30pm - Finish the basic structure of the HTML part

Day2
30/10/2019 9:30am - Start of the First page of the website
30/10/2019 11:00am- Finish the navigation, menu and home page
30/10/2019 3:00pm - Finish the Home page and start the About US page
30/10/2019 5:00pm - Finish the About Us page and start the services page

Day3
31/10/2019 9:30am - Start of the Gallery and Contact US page
31/10/2019 11:00am- Finish the Gallery
31/10/2019 3:00pm - Finish the final touch ups
31/10/2019 5:00pm - Finish the Documentation



Requirements for the project and the tools

- Javascript
- HTML5
- Bootstrap
- Iframes, background, bredcrumbs etc.
- To finish the webpage with easy navigation and simple but fast menu. It is also required to make sure the webpage works on all the current internet browsers.
- The webpage should represent the current style of webpage on the markets. It has to be easy in use in for the client experience with forms and videos etc.
- Further tools are necessary in terms of specific technicality is Bootstrap wire-frame, modal, iframe, javascript codes for functionality
- Visual editor is necessary for faster and easier edition of code while GITHUB and GIT are necessary for standardization and updation of code changes.

Incidents

This section consists of all the incidents recorded during the course of the project completion.

30/10/2019 11:34pm:- Still working on the menu because of non proficiency in the new framework being used (Bulma). Most issues relate to positioning of columns in bulma.
30/10/2019 3:30pm:- successfully resolved issue with bootstrap and bulma was taken off the project
02/11/2019 :- There was issue with the gallery image section pop-up
03/11/2019 :- some errors where observed play video section
04/11/2019 :- During validation of the HTML5 using the validator of w3 schools, lot of errors where observed. They were successfully addressed.

Chronogram

This document shows the chronogram of the project

- 29/10/2019 2:30 pm - Assignment of project
- 29/10/2019 2:40 pm - Project basic ideation
- 29/10/2019 3:15 pm - Creation of GitRepo
- 29/10/2019 4:35 pm - Creation of text documents and start of HTML code
- 30/10/2019 9:52 am - Continuation of the build up of the first page
- 30/10/2019 2:52 pm - Menu completed with the restarted version in bootstrap
- 30/10/2019 4:52 pm - Home page completion and feature article
- 30/10/2019 6:00 pm - Start of the About Us page
- 01/11/2019 10:30 am- Start of the sticky footer page
- 01/11/2019 11:00 am- Completion of footer and Start of About us
- 01/11/2019 11:30 am- Start of the Gallery page
- 01/11/2019 2:00 pm - Start of the Service page
- 01/11/2019 5:00 pm - Finish the service page
- 02/11/019 4:00 pm - Final Contact us page, Addition of breadcrumbs, forms and final cross check

Quality control

We use the following web-based quality assurance tester.

Website Quality Assurance Checklist

The purpose of this checklist is to provide a method of validation for web developers at ECU to assist with meeting the minimum requirements set out in the Web Content Management policy (ref) and the Corporate Web Style guidelines (ref). You should aim to 'Pass' all three parts of the checklist.

PART A: WEB-BASED PUBLICATION STANDARDS AND USABILITY

If the website is managed through the WebCMS, most of the following are automatically managed, however you should review items A3, A5 and A8 before skipping to Part B. Otherwise web developers will need to verify all the elements identified in this part.

Item	Issues *Description / Test to be applied*	Met criteria Pass / Fail
A1	**Document Type Declaration (DTD)** The web-based content has the correct DTD code at the top of each document.	unknown
A2	**Markup (XHTML)** Each webpage should contain valid XHTML markup, validated within the WebCMS using the HTMLTidy and Accessibility validation tools, or using the W3C Markup Validation Service (http://validator.w3.org)	pass
A3	**Metadata** Each webpage should contain appropriate metadata in accordance with ECU Metadata Standards. (http://intranet.ecu.edu.au/staff/centres/marketing-and-communications-services/our-services/managing-web-content/how-to-guides-and-other-resources/making-content-searchable)	unknown
A4	**Styles, graphics, and layout** Design of websites/webpages conforms to the current corporate web style (ref). This includes; • All style and formatting is done through the use of Cascading Style Sheets. • All pages comply with the Corporate Web Style guidelines. • In the case of 'Web Applications' appropriate 'grading' has been applied. (http://intranet.ecu.edu.au/staff/centres/marketing-and-communications-services/our-services/managing-web-content/our-styles-and-templates)	pass
A5	**Hyperlinks** • All hyperlinks internal to the website are relative, not absolute. • All hyperlinks are tested for broken links.	pass

A6	**Browser compatibility** The website is compatible with the following base set of browsers: • Microsoft Internet Explorer 8+ • Mozilla Firefox 3.6.8+ • Apple Safari 5+	Pass except safari
A7	**Navigation aids** The website/webpage should provide alternative navigation aids such as; (breadcrumbs, navigation footers, skip to the content, back to top)	pass
A8	**Media independence** Are all hyperlinks worded in a media independent way and include appropriate "title"? (text descriptive and embedded, rather than the typical "click here")	fail
A9	**Client side scripting** No essential information of the website/webpage requires client side scripting.	pass

PART B: WEB-BASED CONTENT

All web developers will need to verify all the elements identified in this part regardless of whether the web content is implemented in the WebCMS or not.

Item	**Issues** *Description / Test to be applied*	**Met criteria Pass / Fail**
B1	**Spelling, Grammar, Punctuation** All content, including any titles, headers, menus, links, has been checked for spelling, grammar and punctuation. (*It is preferable for this to be done by someone other than the webpage creator*.)	pass
B2	**Rich Media** If the web site contains any elements, such as Flash, Video, Audio, and DHTML: • Alternative media types been supplied for those without correct plug-ins? (Such as plain-text alternatives, transcripts of spoken word). • Links are provided for downloading the correct plug-in.	pass
B3	**Dynamic Content** If the website derives any of its content from a dynamic source outside of ECU, such as a database: • The dynamic source been tested thoroughly to ensure it functions correctly. • The security of the database, and its hosting been approved by ITSC. • If the dynamic source contains sensitive data it should be encrypted. • The website/webpage "fails gracefully" when the source is unavailable (standard system error messages are not acceptable).	unknown

B4	**Dynamic Applications** If the website uses any Web 2.0 dynamic elements: • The dynamic application been developed using progressive enhancement. • The website operates without the enabling technology. • The visitor is able to select whether or not to use the enhanced functionality.	unknown

B5	**Viruses** All files, including Microsoft Word, and PDF documents have been scanned for viruses prior to be being placed on the web.	unknown

PART C – ACCESSIBILITY (*All ECU websites/webpages are expected to obtain a minimum W3C Web Content Accessibility Guidelines 2.0 Level AA* conformance).

If the website is managed through the WebCMS, most of the requirements are automatically managed, with only a subset of critical guidelines shown below. Otherwise web developers will need to verify all the required elements that form the WCAG *2.0 Level AA* conformance. Guidelines available online at *http://www.w3.org/TR/WCAG20/*

Item	Issues *Description / Test to be applied*	Met criteria Pass / Fail
C1	Guideline: 1 **Equivalent alternatives to auditory and visual content are provided.** • All non-text elements, such as images (including buttons, spacers) have meaningful alternative "alt", or long description (longdesc) text. • Rich media elements have meaningful alternatives presented.	pass
C2	Guideline: 2 **Don't rely on colour alone.** • Where information is conveyed with colour, it is also provided without colour. • Foreground and background colour combination provides sufficient contrast for both images and text.	pass
C3	Guideline: 3 **Use markup and style sheets and do so properly.** • Use markup rather than images to convey information. • Relative, rather than absolute, measurements for property values are used, such as DIVS, FONTS, PADDING, MARGINS. • Header elements are used to convey document structure, such as H1, H2 • Correctly markup quotations. • List elements are used for generating lists, such as UL, OL, LI.	pass
C4	Guideline: 4 **Clarify natural language usage.** • Abbreviations and/or acronyms are expanded.	pass
C5	Guideline: 5 **Tables that transform gracefully.** • CSS positioning rather than tables are used for layout. • Table elements are used describe table structure, such as TH, CAPTION, SUMMARY.	pass
C6	Guideline: 6 **Pages featuring new technologies transform gracefully.** • Page content is ordered and structured in a way that it can be ready with any	pass

associated style sheets turned off, or not supported by the browser, such as Lynx.

- Equivalents for dynamic elements are available and updated concurrently.
- Page content is usable when scripting and dynamic applications are turned off, or not supported by the browser.
- For dynamic elements, event handlers are input-device independent, not to include handles such as MOUSE-UP, MOUSE-DOWN, MOUSE-OVER

GIT workflow

For the git workflow we use the idea easily explained in the following documentation:
https://rogerdudler.github.io/git-guide/

In the present work since there is only one contributor, only a master branch was used. No other branches where created as the edition was done directly in the visual editor.

Tools documentation

HTML5:
https://developer.mozilla.org/en-US/docs/Web/Guide/HTML/HTML5

CSS:
https://developer.mozilla.org/en-US/docs/Web/CSS/Reference

Bootstrap4:
https://getbootstrap.com/docs/4.0/getting-started/introduction/

Javascript:
https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference