

PROJECT EXAM: Report

This is a report for the concluded project exam. It will in brief details explain how the exam project was completed and the processes taken. How the first submission containing Functional Specification and Project plan with a gantt chart were concluded before moving on the developing the main Microsite project. Actually, a prototype was also developed first. More so, why the API connected to was chosen, will also be discussed.

First of all, it is important to emphasize that “The requested must turn in FS and PP containing a Gantt chart” before development of the main microsite project began, was conducted and documented using Google sheet ¹and google document² for all the planning and specification. Before it submission, It was unclear weather to submit it as an assignment submission or there is another avenue to hand it in. Anyways, my decision was to submit it as a regular assignment submission and after the completion of the main microsite project, the submission will then be perform as edited to add the finished project. At this stage, the functional specification and project plan were submitted on the 31st of March, 2019.

Completing documentation of both FS and PP was fairly quick; as it took me to just follow the guideline or lead of the previous completed assignment which carried same requirement of FS and PP. Therefor, It is my expectation that this section of the project exam should fetch and add to the outcome of my grade for the project. So was the energy obtained from that to further head to development of the main microsite project.

Actually before moving on to developing the main project, through Adobe XD³, a prototype of the microsite was constructed and added to be part of the PP document. This is done to remind myself of the skill acquired during the last two years of taking this course. Moreso, being a project exam, it seems obvious to me to show my tutor that so far in the course, my skill is solid. In addition to the prototype, a hand sketch storyboard (Pain point, Goals, Personas, storyboard and prototype) is also included to give the project plan concrete details. Then was the development of the main project began.

¹ "Google Sheets: Free Online Spreadsheets for Personal Use." <https://www.google.com/sheets/about/>. Accessed 7 Apr. 2019.

² "Google Docs: Free Online Documents for" <https://www.google.com/docs/about/>. Accessed 7 Apr. 2019.

³ "Download free Adobe XD | UX/UI design and collaboration tool." <https://www.adobe.com/products/xd.html>. Accessed 7 Apr. 2019.

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At this stage, all that was done were setting up the HTML pages. First, the index page was fully developed on the same day but without styling it. The following day after work, the cascading style sheet was added to it. Now it looks like the XD prototype. Although, the design of the menu changed due to the feedback received from my portfolio assignment. "One of the projects on my portfolio redevelopment projects carried a dynamic menu design which was deliberate to know what my tutors would say about it"

Afterwards, the About us page began and was finished same day with both HTML and CSS. The following day nothing was done due to tiredness after work. On the 5th of April, the News page was omitted for the development of the contact us page which was only set up with HTML and CSS and was not form validated. To day, day of submission, the news page was developed and connected to NASA API⁴ for data fetching to give accurate up to date news feed concerning spacecraft technology.

Seriously, this section became more tricky for me than it was expected. Connection to NASA Epic API⁵ was agile for me but the problem surface with imagery display. This took most of my time to solve how to display the Epic API images from NASA database. This API was chosen due to the purpose of the Microsite of promoting Space Tourism Technology which is program to be a part of SpaceX.

Quickly, the API issue was abandon to complete my form validation so that it could be ready for submission after a complete detailed project exam report.

In short words, this briefly detailed report tells the process taken to accomplish my project exam 1. The requested must turn in first functional specification and project plan with gantt chart also containing a prototype constructed through adobe XD was submitted a week before the main project microsite was developed. It also contained a storyboard for the PP. Finally, development of the actual microsite began and index page was developed and styled using HTML and CSS. After a day break, the about us page was developed and styled which then was followed by contact us page before the development of the News page. When the news page development began, imagery problem surfaced while calling collecting updated news feed from NASA API to match microsite's primary purpose to promote human space tourism.

⁴ "NASA Open APIs." <https://api.nasa.gov/>. Accessed 7 Apr. 2019.

⁵ "NASA Open APIs." <https://api.nasa.gov/api.html>. Accessed 7 Apr. 2019.