# Appendix - Project Log Book Entry Template

**Project Log book Entry** (Template)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Student Name:** | Rhokmot Ali |  | **Supervisor:** | Kevan Buckley |
| **Student No:** | 1302260 |  | **Date:** | 1/7/18 |

Please use the Deliverables/Notes column to indicate the progress being made. Also include project management decisions made, references or relevant material discovered. You may also include supplementary information

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Task** | **Duration** | **Deliverable/Management Notes** |
| 17/10/17 | Project Research | 5 days | Finding out how to get on the university server =  And see if node JavaScript works on our server which is does by typing in node – version 1302260@csl-student:~$ node --version  v6.12.3 as you can see the version of it. write some report for the project proposal. (Management/Deliverable) Research done on the mi-Linux site, also the use of terminal servers, form of academic question and research into technologies needed. |
| 21/10/17 | Project Report Reseach | 10 days | Report research started looking into source for project. (Management) Api Research, libraries, sha and cryptography, frontend and back end. |
| 1/11/17 | Project Report | 9 days | Completed the report before submission, format in correct manor, content page, formatting font size and reference page in order. |
| 21/11/17 | Project Development | 17 days | The following days I have learning and testing small samples of Node JavaScript, all the back-end server-side reference:  <https://www.youtube.com/watch?v=U8XF6AFGqlc>   1. Local server is setup using node JavaScript – local server is the local server on the laptop localhost:8080 running a node script using terminal, all is needed is to install node <https://nodejs.org/en/download/> - then enter node in terminal 2. I have used Express JavaScript to handle requests from front end – express is a further framework for node JavaScript. It is minimal and robust and provides a very simple api for developing web application quickly. It greatly improves the speed of development, Simple library code to access node “var express = require (‘express’)” https://www.youtube.com/watch?v=gnsO8-xJ8rs 3. Basic UI is setup to test whether the response getting from back end cooperates. Doing something simple as a hello world, res. Send (‘Hello World’)   https://www.youtube.com/watch?v=gnsO8-xJ8rs |
| 01/12/2017 | Professionalism Report | 14 days | The professionalism report and slides are now completed. |
| 16/12/17 | Project Development + Project Research | 18 days | The application is running, and the map and marker are working, the api is running through google maps, have not check through the mobile browser as for of yet, the server needs to be worked on. The challenge was getting api key and I found on google maps api web page.  <https://developers.google.com/maps/documentation/javascript/get-api-key>  I didn’t know how to access it and how to put in on my html index page, but I have found a video on YouTube with tutorials.  <https://www.youtube.com/watch?v=Zxf1mnP5zcw> |
| 21/12/17 | Project Research | 3 days | The map uses geo location api to track the user’s location: I have read many blogs how to access such as <https://developers.google.com/maps/documentation/javascript/geolocation>, how to user api, learnt that I have to use a developer account to get the api keys, when tracking it uses only one location, challenge was implementing the dynamic location of the user using the website.  https://jsfiddle.net/api/post/library/pure/ |
| 03/1/18 | Project Development | 3 days | The decision of the database will be mongodb for the web application, database schemas designed for this web application are location schema, user schema and comment schema. |
| 07/1/18 | Project Research | 2 days | The research on how to develop mobile apps was carried out in the 2 days, I have turned to the Ionic Framework and read through the details of using this JavaScript <https://www.tutorialspoint.com/ionic/index.htm>  And implemented into my file. Also looked at Ionics documentation  https://ionicframework.com/docs/ |
| 14/1/18 | Project Development | 2 days | For today’s works I have wrote the code for Ionic, parts for the implement the rating and comments features for the current location of the user |
| 18/1/18 | Project Development | 2 days | The node JavaScript is able to make connection with mongodb using the node mongoose package. Reference https://www.youtube.com/watch?v=93APwwh35PA&t=33s |
| 27/1/18 | Project Development | 4 days | The Register page is now complete, the user can now register him or herself on the web application and the unique usernames and passwords are stored in mongodb of the user schema. I went through many registers pages on websites, the general are login and passwords. Important are passwords and confirmed passwords. |
| 5/2/18 | Project Development | 3 days | Artefact level 3 – the data security, I have learned how to user BCrypt library for hashing the passwords, now the hashed passwords are stored in the user schema instead of plain text passwords. |
| 11/2/18 | Project Development | 2 days | The login page has been implemented and now the register user can login into the web application, I am using toasters for notification purposes in case the user is entering the wrong password or trying to register the already existing username. |
| 20/2/18 | Project Development | 2 days | The user can click on any location and give it rating from one to five. The user’s rating is stored in location schema and as soon as the user clicks on any location the info window of that location shows the average rating along with the location address. |
| 28/2/18 | Project Development | 2 days | The user can click on any location and put comments for it by clicking the small right tab in the corner of the application, the comments will be stored in comments schema. |
| 4/03/18 | Project Development | 3 days | I have been working on the comments page and it has now been implemented, when a new user clicks on a certain location, the user gets given the option to view the comments of that location. If user chooses to view the comments, they are redirected to comments page, where they can see the comments given by other users for that location. |
| 20/04/18 | Project Dissertation Formatting | 1 day | For today’s work, I have been working on formatting my project dissertation based on the feedback my supervisor has given to me after reviewing my content page through email. |
|  | Project Research – Captcha | 2 days | In the two days I was performing research about the captcha for the login page security, captcha is used to prevent robots from hackers. I also documented a possible solution to solve this problem for my login page. I have also documented and found a way to implement this simply using a node module to my project and learning from the video link presented here.  <https://www.npmjs.com/package/express-recaptcha>, https://www.youtube.com/watch?v=UzCkSzmEq8E |
| 6/5/18 | Project Research – Advanced Search | 2 days | In the two days I was conducting research on the advance search for my project using the location search with google API. I have provided a link to this solution; other methods have been discussed with my supervisor such as page rank and stemming.  <https://developers.google.com/places/web-service/search> |
| 8/5/18 | Project  Meeting | 10 - 15 minutes | Had a project meeting with my supervisor, me and my supervisor agreed on a task for the dissertation such as write some of the literature review, moreover we looked into the current content page and he told me that there were sub topics missing from my content page. |
|  | Reading about spam protection techniques | 2 days |  |
| 9/5/18 | Project Dissertation Formatting | 1 day | Writing some off the literature review from the following supervisor meeting I’ve had with my mentor he asked me to write out some of the literature review, so he can see the writing style for my dissertation and discuss an appropriate style for the report. |
| 15/5/18 | Supervisor meeting | 5 minutes | Asked me to keep writing my literature review. |
| 18/5/18 | Project Dissertation Formatting | 2 days | Continuation of writing the literature review, putting more resources together for the section of the report. |
| 23/5/18 | Supervisor meeting | 15-20 minutes | Had a project meeting with my supervisor, we had discussed the writing style which I have conducted, and he explained that I should aim to address the research or academic question with an example he had showed me, we both had agreed to this with referencing style too. |
| 24/5/18 | Project Dissertation Formatting | 2 days | Writing in the format that has been asked to be written in, working on the literature review section of the report with correct Harvard referencing, looking into more examples on how to accomplish this. |
| 28/5/18 | Project Dissertation Formatting | 2 days | Looking at research papers published from other authors in different field, understanding structure and flow of reports. Rewriting the literature review to more suitable format acting as a base for the academic question for the dissertation. Further researching more books and journals for references. |
| 30/5/18 | Supervisor meeting | 15 - minutes | Had a meeting with my supervisor, agreed with the content of the report, however said I must correct some of the Harvard referencing style within my report. Also debriefed that I should explain in each paragraph which technologies I have choose to use and why. |
| 4/06/18 | Project Poster | 10 - 15 minutes | For today’s work, I have been looking at what are the poster requirements are and how to go about what size and dimension my poster should be. |
| 4/06/18 | Project Dissertation Formatting | 2 days | For today’s work, I have been reformatting some of the paragraphs of my report to address which one the technologies are best suitable and beneficial to my project. I correctly rewritten the references into Harvard reference style and looked at more resources for more in depth analysis to answer the base of the academic question. |
| 6/06/18 | Supervisor meeting | 10 – 15 minutes | Had a meeting with the supervisor today, I had some doubts about the library catalogue; I have a much clearly understanding about how to find references for certain topics. The supervisor looked at the development of the project. |
| 11/06/18 | Project Dissertation Formatting | 4 days | The work I have completed is the section of literate review, all of the subsections have been managed accordingly and now working on the other main topics of the dissertation. All references have been gathered to utilize into the report. |
| 18/06/18 | Project Development | 2 days | For the work load today, I have read through the recaptha and how it can be utilized into a site or application, you have to sign up for a pair api key, the key consists of a site key and secret key. <https://developers.google.com/recaptcha/intro>  The Recaptha can be installed with the npm node module and is integrated with the project. Using simple commands https://www.npmjs.com/package/angular-recaptcha |
| 20/06/18 | Project Development | 3 days | The work that’s been accomplished here is working on the placeID Finder using the search API I have been working to include a search tool bar in my project to find locations, the code is open source. |
| 22/06/18 | Supervisor Meeting | 10 – 15 minutes | With my supervisor we had agreed on what the project looks like and where to aim next, the next initial step is to work on finalizing the report and the poster. |
| 25/6/18 | Project Dissertation Formatting | 2 days | The Design part of the report has been complete and written. Front – end, Back- End |
| 27/6/18 | Project Dissertation Formatting | 2 days | The Implementation part of the report has been completed and written. All Artefacts are mentioned. |
| 1/7/18 | Project Dissertation Formatting | 4 days | The Design and Implementation part of the report are being revised to have a stronger diction in the dissertation. |
| 4/7/18 | Project Poster Design | 1 days | The Poster design is being manufactured and the tabs of content information are placed. |