**Project README and Log - Orbital – Tay Guo Qiang & Won Jun Ru Daphne (Documentation for Milestone #1)**

**Project Title: Schedule Comparator**

**README**

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| **Overview**: Our project is to come up with a program that helps groups of people by allowing each person in the group to compare schedules and find out when they are all available for a meet-up. We have either the manual entry or the timetable-comparison option.    Slide for project idea  **User stores:**  I, as a user, would sometimes need to meet up with friends for project or a gathering and I would need to find out when everybody is free for that meet-up to happen. It can be quite messy asking everyone for their schedules in a chat so I will use this application to help me find out the date where everyone is free.  I can use something similar like Doodle poll to do that, but by using that, I have to key in specified dates and get others to vote on those dates. However, when I use this application, I only need to get everyone else to key in their schedules and the application will find out the common meet-up date for us.  **Intended features:**   * Temporary sessions created using SQL database with PHP, where groups of users can come together to collate the their own schedules without requiring logins * Date-picker input for users to enter inputs manually * NUS Timetable upload?   **Features finished up to now:**   * Website interface is ready and able to accept inputs. * Date-picker interface has been set-up in the website. * Program has been written for input validation of name to prevent SQL injections since we are relying on SQL and PHP for our database system * Program to compute the common meet-up dates have also been written.   Some screenshots of our current website:          **Aims after this point:**   * We intend to make use of NUSMods’ API for NUS students to compare their timetable schedules with each other simply by inputting their NUSMods timetable URL. (KIV) * Database system for implementing group sessions to be implemented * We would be studying Git so that we can utilise version control effectively. Currently, we are using Google Drive to store previous versions of the website we created and we would start utilising Git once we are familiar with it. (please see below for what we did with Google Drive) * Hosting the website on a server once the product is finalised.     Using Google Drive to store previous versions  **References Used:** *For self-learning:*   * W3Schools (<http://www.w3schools.com/>) – things for web development can be learnt here * Codecademy ([http://www.codecademy.com/)](https://developers.google.com/appengine/docs/python/%29) * Code School (<https://www.codeschool.com/>) – however to complete the full course, payment subscription is needed * Free Code Camp (<http://www.freecodecamp.com/>) * Meteor.js tutorial (<http://meteortips.com/first-meteor-tutorial/projects/>)   *Features that we used in our Schedule Comparator so far that we managed to find:*   * Multi Date-Picker (<http://multidatespickr.sourceforge.net/>) for the date-picker feature we used * Bootstrap (http://getbootstrap.com/) for the Bootstrap we used * jQuery (<https://jquery.com/>) for the jQuery used |

**Project Log**

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| We have met about 1/4 of the requirements for Orbital. We will continue our development of the Schedule Comparator from this point. Guo Qiang currently has Freshman Social Camp commitments which resulted in a lack of face-to-face discussions of the project so the current intention would be to self-study and experiment with things we have learnt by adding stuff into the website as and when desired. His commitments would end by mid-June and he will then be able to focus fully on the development of the project after that.  Accumulated hours for Guo Qiang (from spreadsheet below): 48  Accumulated hours for Daphne (from spreadsheet): 46  Total hours together (from spreadsheet): 94   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **S/N** | **What** | **Date** | **Guo Qiang (Duration in hours)** | **Remarks** | | 1 | Liftoff Day 1 | 5/11/2015 | 8 |  | | 2 | Liftoff Day 2 | 5/12/2015 | 8 |  | | 3 | Self-learning (HTML/CSS/Bootstrap/jQuery) + Website creation | 5/14/2015 to 5/22/2015 | 30 | Self-learning and creation was done together. Each time I learnt something new, I would try to apply it into the previous HTML file version I have. | | 4 | Attending MC #2 | 5/27/2015 | 2 |  | | 5 | Self-learning (Ruby) | 5/30/2015 to 5/31/2015 | 5 |  | | 6 | Self-learning (SQL) | 5/31/2015 to 6/5/2015 | 7 |  | | 7 | Self-learning (Git) | 5/31/2015 onwards | 3 |  | | 8 |  |  |  |  | | 9 |  |  |  |  | | 10 |  |  |  |  | |  | **Accumulated Hours** |  | **63** |  | |

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| **S/N** | **What** | **Date** | **Daphne (Duration)** | **Remarks** |
| 1 | Liftoff Day 1 | 5/11/2015 | 8 |  |
| 2 | Liftoff Day 2 | 5/12/2015 | 8 |  |
| 3 | Self-learning from Codecademy (HTML/CSS/Javascript/Python) | 5/14/2015 | 30 | Date of self-learning started from specified date |
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|  | **Accumulated Hours** |  | **46** |  |
|  | **Total Hours Together** |  | **94** |  |