**School Finder**

|  |  |
| --- | --- |
| **Meeting Purpose:** | Discuss and decide the title and framework for projects |
| **Meeting Date:** | 28 January 2021 |
| **Meeting Time:** | 2:30pm – 4:30pm |
| **Meeting Location:** | Software Lab 3 |
| **Meeting Facilitator:** | Abhigyan Singh |
| **Attendees:** | Cheng Han, Jonathan, Jia le, Ying Sheng, Boon Khang |
| **Minutes Issued By:** | Boon Khang |

|  |
| --- |
| **Decisions Made: (What, Why, Impacts)** |
| We decide to make a school finder mobile application for our CZ2006 Software Engineering Project. Students in Singapore may want to obtain the information on the next institution they are going to. Since most of the students have a mobile phone, designing a mobile application that can display all the school information in Singapore at once can reduce the hustle of the student to go to the individual school website to obtain the school information. |

|  |
| --- |
| **Discussion: (Items/Knowledge Shared)** |
| Learn about different institutions available in Singapore  Learn how to discover free and open source datasets provided by gov data.sg  Discuss about which framework to used  Identify the resources require to complete the project, such as dataset, front-end framework, back-end framework, System architecture and most importantly time. |

|  |  |  |
| --- | --- | --- |
| **Next Steps: (Task, Assigned to, Checkpoint Date)** | **Owner** | **Due Date** |
| Use cases Diagram | All group members | 8 February 2021 |
| Use cases Model | All group members | 10 February 2021 |

|  |
| --- |
| **Miscellaneous Items:** |
| Learn flutter development  Learn to create database  Set deadlines for every task |

|  |  |
| --- | --- |
| **Meeting Purpose:** | Draw use cases diagram and draft out use cases model |
| **Meeting Date:** | 5 February 2021 |
| **Meeting Time:** | 2:30pm – 8:30pm |
| **Meeting Location:** | The Arc Project Discussion Room |
| **Meeting Facilitator:** | Cheng Han |
| **Attendees:** | Abhigyan Singh, Jonathan, Jia le, Ying Sheng, Boon Khang |
| **Minutes Issued By:** | Jia le |

|  |
| --- |
| **Decisions Made: (What, Why, Impacts)** |
| Decide to apply SOLID design principles on our software design.  Use Apache to host our database  Draft out all the essential use cases for our projects.  Decide to have 3 different entities class to store school information, user information and comment and likes. |

|  |
| --- |
| **Discussion: (Items/Knowledge Shared)** |
| Discuss about how to achieve low coupling and high cohesion design principle to make our application more scalable  Discuss about the way to apply single responsibility principle in our software design  Discuss about how to use flutter and database since some of us are from CE and never take database course before. |

|  |  |  |
| --- | --- | --- |
| **Next Steps: (Task, Assigned to, Checkpoint Date)** | **Owner** | **Due Date** |
| Sequence Diagram | Ying Sheng, Boon Khang, Jia le, Jonathan | 15 February 2021 |
| Class diagram | Abhigyan Singh, Cheng Han | 15 February 2021 |

|  |
| --- |
| **Miscellaneous Items:** |
| Refine the current use cases  Correct grammatical errors |

|  |  |
| --- | --- |
| **Meeting Purpose:** | Class Diagram, Sequence Diagram |
| **Meeting Date:** | 11 February 2021 |
| **Meeting Time:** | 1:30pm – 4:30pm |
| **Meeting Location:** | Zoom |
| **Meeting Facilitator:** | Ying Sheng |
| **Attendees:** | Abhigyan Singh, Jonathan, Jia le, Cheng Han, Boon Khang |
| **Minutes Issued By:** | Jonathan |

|  |
| --- |
| **Decisions Made: (What, Why, Impacts)** |
| Draft out class diagram and sequence diagram  Decide on the attributes and class name to be used for easy referencing and integration between front end and back end |

|  |
| --- |
| **Discussion: (Items/Knowledge Shared)** |
| Discuss about the system architecture and system design of our application  Distribute and separate workload equally among group members  Create a Work Breakdown Structure for the application development process.  Discuss and set the deadlines for each task assigned by applying Wideband Delphi method, where each of us estimate the time to complete the project and discusses the reasons for each estimate.  The process is reiterate until we met a final acceptable agreement.  Develop a project schedule diagram by identifying earliest start date, latest start date, and determined the critical path for the project. |

|  |  |  |
| --- | --- | --- |
| **Next Steps: (Task, Assigned to, Checkpoint Date)** | **Owner** | **Due Date** |
| Backend logic Implementation (user login, user comment) | Abhigyan Singh, Cheng Han | 24 February 2021 |
| Database implementation | Ying Sheng | 24 February 2021 |
| Backend Logic (Api access) | Jia Le, Jonathan | 24 February 2021 |
| Application Front-end implementation | Boon Khang | 24 February 2021 |

|  |
| --- |
| **Miscellaneous Items:** |
| - |

|  |  |
| --- | --- |
| **Meeting Purpose:** | Implementation and Integration of code |
| **Meeting Date:** | 23 February 2021 |
| **Meeting Time:** | 11:00am – 3:30pm |
| **Meeting Location:** | Outside Lecture Theatre 1 |
| **Meeting Facilitator:** | Boon Khang |
| **Attendees:** | Abhigyan Singh, Jonathan, Jia le, Ying Sheng, Cheng Han |
| **Minutes Issued By:** | Abhigyan Singh |

|  |
| --- |
| **Decisions Made: (What, Why, Impacts)** |
| Finalized the implementation of front end and backend code.  Decide to make improvement on the UI of the overall application. |

|  |
| --- |
| **Discussion: (Items/Knowledge Shared)** |
| Look into website such as Pinterest and also Dribble to look for inspiration on the UI/UX design of mobile applications  Discuss together about how the whole application should work  How to communication from front end to back end (How REST API works)  Reiterate the workload assigned to each member, reassigned the workload such that we can meet the critical time path. |

|  |  |  |
| --- | --- | --- |
| **Next Steps: (Task, Assigned to, Checkpoint Date)** | **Owner** | **Due Date** |
| Refinement of Code | All group Members | 5 March 2021 |
| Testing and debugging of code | All group Members | 5 March 2021 |

|  |
| --- |
| **Miscellaneous Items:** |
| Try different combinations of test cases |

|  |  |
| --- | --- |
| **Meeting Purpose:** | Refine, testing and code review |
| **Meeting Date:** | 11 March 2021 |
| **Meeting Time:** | 6:30pm – 10:30pm |
| **Meeting Location:** | Zoom |
| **Meeting Facilitator:** | Jonathan |
| **Attendees:** | Abhigyan Singh, Cheng Han, Jia le, Ying Sheng, Boon Khang |
| **Minutes Issued By:** | Ying sheng |

|  |
| --- |
| **Decisions Made: (What, Why, Impacts)** |
| - |

|  |
| --- |
| **Discussion: (Items/Knowledge Shared)** |
| Test our applications on multiple test cases  Discuss about the test cases and fix bugs within the program |

|  |  |  |
| --- | --- | --- |
| **Next Steps: (Task, Assigned to, Checkpoint Date)** | **Owner** | **Due Date** |
| SRS | Ahbigyan Singh, Cheng Han, Jia le, Jonathan | 25 March 2021 |
| Meeting Minutes | Boon Khang | 25 March 2021 |
| System Architecture | Ying Sheng | 25 March 2021 |

|  |
| --- |
| **Miscellaneous Items:** |
| - |

|  |  |
| --- | --- |
| **Meeting Purpose:** | Document finalization |
| **Meeting Date:** | 25 March 2021 |
| **Meeting Time:** | 9:30pm – 11:30pm |
| **Meeting Location:** | Zoom |
| **Meeting Facilitator:** | Abhigyan Singh |
| **Attendees:** | Cheng Han, Jonathan, Jia le, Ying Sheng, Boon Khang |
| **Minutes Issued By:** | Boon Khang |

|  |
| --- |
| **Decisions Made: (What, Why, Impacts)** |
| - |

|  |
| --- |
| **Discussion: (Items/Knowledge Shared)** |
| Finalize the documentations  Complete the presentation slides together  Decide on the sequence and contents of presentation. |

|  |  |  |
| --- | --- | --- |
| **Next Steps: (Task, Assigned to, Checkpoint Date)** | **Owner** | **Due Date** |
| Presentation slides | All group members | 2 April 2021 |
| Video Demonstration of applications | All group members | 2 April 2021 |

|  |
| --- |
| **Miscellaneous Items:** |
| - |