| Week | Development Phase | Tasks to Complete | Person in charge | Duration |
| --- | --- | --- | --- | --- |
| 3 | Inception | Create private GitHub repository   * Private repository so other groups can’t view our or pollution our project stuff | Adam | 1 day |
| Meeting discussing and initialize the project  • we discuss the whole project based on the example database, and afford everyone a common vision of project, and also make everyone understand the of objective | All members | 1 day |
| Start Software Requirements Specification   * Describe the overall goal and a skeleton of the system | Scott | 5 days |
| Start working on system request which include the business case and feasibility study   * Allows us to get an idea on the feasibility of the system | Adam | 5 days |
| First time meet of clients   * Obtain requirements from the clients and make compare with requirements which did before. | All members | 1 day |
| buffer | We have a small meet to discuss and understanding client requirments | All members | 1 day |
| 4 | Show the first draft of SRS   * Verify the whole draft, make sure we really understand the clients need | Scott | 1 day |
| Build mock up sketch for basic UI for system   * The first UI is pretty simple just login and resgistration | Xiaoxiong.,  Jarryd, Jackson | 1 day |
| Start to find out what’s objective and sub-objective of the whole system   * Ensure the objectives are meeting the the main priority * Sub-objective can be desirable option if we still have enough time to do | Adam  Scott | 5 days |
| Set up persistence side database,   * Database base one MySQL * We decide to split the person table into two table to eliminate the redundancy of column * We create login table for all roles login and customer table to hold details for just customer, and other tables like fleet, service, route | Scott  Xiaoxiong | 5days |
| buffer |  | We explain our database, to make sure other members UI design data entry match the database | Scott,  Xiaoxiong,  Adam | 1 day |
| 5 | Elaboration | Show the second draft of SRS   * Reconfirm requirements with the client | Scott | 1 day |
| Test out database link and UI design match   * Ensure everything match together, * We put some test data, Jackson wants to login so he register first and then he can login * We test different role * Administration can create manager, we create 3 manager, and login, it lead to different pages | Scott  Xiaoxiong,  Jackson,  Jarryd | 4 days |
| Start work on the detailed plan of the project   * It give us a clear idea of each member should do by giving the limitation time like 1-3 days to finished the sub-task | Adam | 4 days |
| Start risk analysis & countermeasures for first deliverable   * All the risks which covered in what we have learned, like someone can finish his work on time, or been stuck in some algorithm * Some sophisticate cases we choose top to down break up method to make each subtask doable | Xiaoxiong | 3 days |
| Recess week | Finishing SRS  • Ensure all parts covered client want appropriately and consistently | Scott | 5 days |
| Prepare for the first delivery package   * Make sure nothing missing | All member | 5 days |
| Start integrate final reports for submission 1   * This should rectify the defects of other member’s work | Adam | 1 days |
| 6 | Construction | Implementation for the project, make sure if there some new features to add   * Managing customer account and details * Manager service and profile manager * Use jsp HTML5 and ajax for boundary entity * Use java servlet for controller entity * Use java persistence architecture for communicate with database | Xiaoxiong | 2 weeks |
| 7 | Use case and class diagram 4 + 1 diagram   * Use case diagram * Class diagram | Jackson | 2 weeks |
| 4 + 1 diagram for description   * Write description for use case and class diagram | Adam | 2week |
| 8 | Still coding   * Choose ajax is wise choice, it can prevent whole refresh after been communicate with controller | Xiaoxiong | 2 weeks |
| Still coding and add more database for the  system   * Choose JPA java persistence architecture is easy for database CRUD * We add more table to hold datas, and made a UML diagram for database to clear the relationship between tables | Xiaoxiong  Scott | 2 weeks |
| Add some feature in boundary entity which will expand user experience and make app more user friendly and guidance   * Choose JavaScript bootstrap as layout framework | Xiaoxiong | 2 weeks |
| Deployment diagram, BCE diagram, Architecture overview | Scott  Xiaoxiong | 5 days |
| 9 | Data view | Scott | 2 days |
| Sequence diagram and process view 4 + 1 diagram | Adam  Jackson | 2 weeks |
| 10 | Transitions & Completion | Integration the system   * Make sure every feature covered and work appropriately | Xiaoxiong | 10 days |
| Write test data for system   * Make sure test data cover all the problem * Use test technique black box testing | Xiaoxiong | 1 week |
| State diagrams, UI diagrams, integrate UI sketching   * Ensure UI diagrams are consistent to final UI of application which should put in final report | Adam  Jarryd | 1 week |
| 11 | Test case documenting   * Report on test data that was used | Xiaoxiong | 4 days |
| 12 | Finalising report   * Compile all parts, final SRS, and group and personal diaries | Adam,  Scott | 1 day |
| Prepare for presentation | All member | 1 day |