|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **PROJECT / GROUP NAME** | **Interface (Group 11)/Code group** | | | |
| **Start Date** | March 1nd 2021 | **Finish Date** | 16/5/2021 (week 11) | |
| **Aim /**  **Objective** | The team has several goals throughout the project:  First, we will use CSS, JS and React to write the front-end, such as the different customer's user interface and the web manager's user interface. After completing the basic requirements, we will continue to improve the user interface to make our webpage more beautiful and convenient.  Second, we will use Spring and MySQL for backend coding. The members will try their best to complete a stable and security web page for customers to use in various places.  Finally, after our team finished the basic website, some special technology will be been started like how to combine the website with ML and recommend system. We will use those tectonics to realize house’s price prediction and recommend best choice for both sellers and buyers. | | | |
| **Work package**  **Manager** | Yangyadi | | | |
| **Contributors to his package** | Yang Yadi, Li Zhengsheng, Wu Xiuling, Zhen zhi | | | |
| **Description /**  **Activities** | Task 4.1 Write a registration page and when logging in the website they will see different UI(To distinguish user’s identity)  Task 4.2 Design different UI and function for different users like buyers, house inspectors and web servers.  Task 4.3 Make a real-time chat page based on the server to meet the communication between customers and customer service (This may provide for buyers and inspectors to communication, not sure yet)  Task 4.4 Build a database that meets all requirements and develop a test program for it.  Task 4.5 Design a reliable and user-friendly mobile app for the product  Task 4.6 According to the requirements of "Challenge Statement" to complete various functions, for example, Design machine learning models for the website to allow users to predict house prices, etc. | | | |
| **Milestones** |  | | | Week |
| M 4.1 Determine the basic framework of our software based on requirements and start coding according to the division of work in groups.  M 4.2 Finish login page for this website and consider how to design and code for different customers to meet their needs  M 4.3.1 Continue to write the code and communicate with other group members in time.  M 4.3.2 Complete the requirements of "Challenge Statement.PDF" during this period.  M 4.4.1 Make changes to the previous code to make sure the web page works properly  M 4.4.2 Modify the webpage to make it more attractive to customers  M 4.5 Final Release | | | 1  2-3  2-10  10-12  12 |
| **Deliverables** |  | | | Week |
| D 4.1 Login code and some simple functions  D 4.2 Delivering a more complete work  D 4.3 Delivering a nearly completed web page with some unfinished ML and IR technology  D 4.4 Delivering the final version | | | 3.end  6.end  9.end  12.end |