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| **PROJECT / GROUP NAME** | **Group 15/Code group** | | | |
| **Start Date** | 2020/02/24 | **Finish Date** | 2020/05/23 | |
| **Aim /**  **Objective** | This work package is aiming to maintain and simplify design, establish integration environment and a test suite, maintains source control and ensures proper execution. | | | |
| **Work package**  **Manager** | Shiyuan Yang  Xiulin Wu | | | |
| **Contributors to this package** | Jiadi Li  Xinyu Yao  Xienan Wang | | | |
| **Description /**  **Activities** | Task 3.1 Design the basic functions and determine the required technology   * 3.1.1 Search for required technology stack and learn technologies * 3.1.2 Design the basic functions like create appointment and edit appointment. Prepare for basic functions.   Task 3.2 Establish basic structure, and Realize reservation function   * 3.2.1 Appointments can be saved in database * 3.2.2 Employees and customers can see and edit the reservations * 3.2.3 All the websites have been designed * 3.2.4 The logic between different websites is correct   Task 3.3 Implement advanced functionality   * 3.3.1 Divide appointments into two categories (emergency and standard) * 3.3.2 Employees can manage appointments * 3.3.3 Customers can see the status of their pets * 3.3.4 Check customer needs and add and implement new functionality * 3.3.5 User can see very simple websites with some functions but no css   Task 3.4 Divide into two portals - one for customers and one for employees   * 3.4.1 Divide functions for different permission * 3.4.2 Customers can publish appointments and edit appointments which is published by the same account. * 3.4.3 Employees can edit all appointments and check status of pets. * 3.4.4 Employees can change the status of pets and notice customers the status of appointments * 3.4.5 Two portals can communicate with each other * 3.4.6 The user interface should be colourful by using css   Task 3.5 Test the functions and resolve errors.  Task 3.6 Combining all the sections and test the whole program | | | |
| **Milestones** |  | | | Week |
| M 3.1 Design the basic functions and determine the required technology  M3.2 Establish the foundation of the program, such as the websites on the server  M 3.2 Establish basic structure and Realize reservation function, make all the websites can be used with simple functions  M 3.3 Summarize the implemented functions, clear and identify the features that need to be added  M 3.4 Implement advanced functionality, websites can be used with complex functions  M 3.5 Design and implement the user interface  M 3.6 Test the functions and resolve errors  M 3.7 Final test  M 3.8 Final Release | | | **1-2**  **3**  **4**  **5-6**  **9-10**  **11-12**  **13** |
| **Deliverables** |  | | | Week |
| D 3.1 Complete reservation function  D 3.2 Divide appointments into two categories  D 3.3 Complete employee functions and customers functions  D 3.4 Complete advanced functions from customer needs  D 3.5 Divide into two portals | | | **3**  **4**  **6**  **8**  **9** |