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| **PROJECT / GROUP NAME** | **Group 1/Animal hospital Project/Deployment Group** | | | |
| **Start Date** | 2020.2.24 | **Finish Date** | 2020.5.20 | |
| **Aim /**  **Objective** | 1. Deploy the entire project to the server, enabling the project to be tested in a real environment. 2. Integrate the front-end and back-end code, and deploy the code to the server. 3. Meet all needs of the leading group and customer group. 4. Test the program in a real environment and share the results of the test with the team members. 5. Modify the program based on the results of the test to best meet the needs of the customer group and leading group. | | | |
| **Work package**  **Manager** | Siyang Hu | | | |
| **Contributors to this package** | Yuxiang Yao | | | |
| **Description /**  **Activities** | Task X.1 First, we need to rent a server and domain name. This can take a significant amount of time, should be negotiated with leading group and customer group, and actively communicate with the server provider.  Task X.2 Setting up a server environment, deploy the site on the server and set the relevant parameters. To accomplish this task, we need to learn about server configuration and deployment. The work of this part can contribute to debug the project directly on the server.   * X.2.1 Configure the environment required to install development on a remote server * X.2.2 Set website IP, ports, access permissions and so on. * X.2.3 Connect database, website and server, compile and run to see if website can be accessed.   Task X.3 Finish the interaction between front end and back end. In order to accomplish this task, we need to use the Flask framework to connect the front-end page request and the back-end database data. The work of this part can summarize and unify the code part of the whole project, and contribute to the code submission later   * X.3.1 Fully understand the code of front-end group and back-end group, and listen to the opinions of front-end group and back-end group * X.3.2 Integrate front-end code and back-end code through Flask. * X.3.3 Deploy code on the server, send file on the server   Task X.4 Test the project. In order to accomplish this task, we need to debug on the server, monitor the code running and journal. This part of the work can see the completion of the whole project, and contribute to the problems and corrections in the project   * X.4.1 Test whether there are serious bugs in the project and feedback the results to team members * X.4.2 Test whether the project meets the requirements of the customer group and feedback the results to team members * X.4.3 Debug in the test | | | |
| **Milestones** |  | | | Week |
| M X.1 Normally around week 8, we can get a server and domain name  M X.2 Normally around week 9, we can start to set up server environment and deploy the site.  M X.3 Normally around week 10, we can integrate front-end code and back-end code, and deploy code on the server  M X.4 Normally around week 11, we can test the project on the server, feedback results to team members  M X.5 Normally around week 11, debug with team members  M X.6 Normally around week 12, finish final report and presentation. | | | **8**  **9**    **10**  **11**  **11**  **12** |
| **Deliverables** |  | | | Week |
| D X.1 Notify the team members that the server has been obtained and can start the next phase  D X.2 Server that have completed configuration and adjusted parameters  D X.3 Code Integration: Front-end code, back-end code, database code and Flask. Deployment on the server  D X.4 Feedback: test results, include bugs and parts that need to meet the needs of customer groups  D X.5 Code Integration (final version, without bugs): Front-end code, back-end code, database code and Flask. Deployment on the server  D X.6 Final Release: Final reports (Overleaf) and video presentations | | | **8**  **9**  **10**  **11**  **11**  **12** |