

CS 744 - Management Issues in Software Engineering

Project Meeting

Project Title: Visual Network Testing Tool

Group Name/Number: Team Mercury

Meeting #: 19

Held On: Apr 11, 2018 at 2:30 pm

Location: Murphy Library

Members: Zeya Kong, Xianrui Zhu, Kyle Van Allen

Attended: All

Topics for Discussion: Demo5 feedback, work plan

Report Writer: Zeya Kong

All members attended at the correct time and we began the meeting at the scheduled 2:30 pm.

We began by going through the standing issues list which has some functionalities and bugs we need to fix. At first, Kyle said that he can't add a new region because he didn't have enough time to finish this part and he will try to finish this part in next weekends. Kyle also said that he will fix the bug, which is the transaction still staying in the store when the transaction goes back. About the account management part, the expiration date is not correct. Xianrui said he will finish this part and finish the viewing transaction list functionality. Zeya said that he will fix the security question bug when he demonstrated the demo in the class, the page can't show the question correctly. The reason is that he deleted the validation code to make testing without login, but he forgot to add those code when he deployed it. Xianrui asked Kyle to change the database because he want to divide username into first name and last name from the project description. Kyle agreed but Zeya disagreed. Zeya said it was not necessary to change the database and we can put the first name and last name together as one columns in DB. In order to make things easier, Xianrui and Kyle agreed.

Zeya asked a question whether we should encrypt the admin's password in database or not. Kyle said it is required by the project description, so we should implement it. Zeya said he can do it in back-end using some hash algorithms. After that, all team members talked about some small

bugs such as the back-ground pictures and the input length and shared some ideas about those bugs.

Later, all team members talked about the transaction animation. Both of us thought the network we generated is good and changing the network without refreshing the page is a good design. Zeya asked a question about the ajax functions. He said when multiple transactions going to same relay station, it will cause some problems using ajax validation if the relay station just has only one slot. Kyle said he has an idea to avoid this problem by changing the previous design. The previous design made all transaction moving at the same time, but it might cause some bugs, so he want to change some front-end code to let all transactions move one by one, first-in first-out. Zeya and Xianrui agreed. The way is the front-end requires back-end to send a specific transaction data object with all the relay stations each of which have an Array List to store all the transactions' id. By using the list to move things one by one instead of moving together. Zeya agreed.

Finally, all team members talked about the work plan for this week. Kyle said he will update the database by using the dataset from Professor Kasi, fix some front-end bugs and try to redesign the animation sending function which we discussed before. Xianrui said he will fix some bugs and finish the functionalities which left last time. Zeya said he will improve the back-end path algorithm and fix some back-end bugs.

Next meeting and its agenda:

The next meeting will take place on Apr 16, 2018 at 2:30 pm in Murphy Library. We plan to talk about the final demo testing.