COMP3900 Computer Science Project

Retrospective A

V-Gifts

3900-H16A-Victims

Scrum Master:

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What went well:

Backend progress went very well, it actually processed much quicker than we planned, we finished most of the framework of our project, and only left the chatbot algorithm and recommendation algorithm.

Most of the pages were constructed based on the React library. Clear styles provide users and operators a quick view of information shown in each corresponding page.

What did not go well:

The display of some pages is not delicate, and the trigger effects of many components need to be more perfect.

We should have used React to implement the frontend at the very beginning. Transferring from Bootstrap to React wasted some time and efforts. Also, we seem to include too many packages in React. Some of them are not needed anymore.

Backend team had three members and mainly focused on the source code structure but carried too far beyond frontend team progress which only have two members. By the end of sprint 1, we failed to finish some goals due to mismatch between effort spent on frontend and backend.

At the moment, we are using browser's local Storage to store authentication tokens. If an attacker attacked our website, he/she would be able to retrieve all the data saved in local Storage.

Besides, the token which is mainly used for the authentication of identity will never be overdue, although users close the website the token will still be stored in the server, unless users take the initiative to logout. Therefore, there are certain security risks with our tokens.

Things 'to try' in the next sprint (with assign people to do):

1. Better UI/UX design in frontend (Pai Qu)

2. A safer way to store authentication tokens in frontend (Jie Mei)

3. Remove unused packages in React (Jie Mei)

4. Implement Chat window in frontend (Pai Qu)

5. Better work distribution, push one member from backend team to focus on the connection between frontend and backend (Yifan Wang)

6. Recommendation algorithm (Chenkai Lyu)

7. Information Retrieval from Product description (Haoran Lyu)

8. Realise the expiration of token (Chenkai Lyu)

9. Fundamental Chatbot AI algorism and learn Machine Learning and NLP for future use (Haoran Lyu)

10. More using of Jira to assign tasks and issues in a better and more efficient way (Yifan Wang)

Retrospective A meeting date and attendance:

The meeting was on 28th Mar 5 p.m. Sydney time, all 5 members showed up in the meeting.