**Progress made in the past week.**

1. **Added graph data used in paper to processed file in Pitt box.**
2. **Added waiting sign when the robot is thinking what response he should return.**
3. **Designed a new model with feature importance about 5 features for 15 year dataset.**
4. **Successfully connected frontend and backend**
5. **Path problem, how to solve users will use different path like root path or sub-path to run the program?**

**I changed all path to start from root, so we can safely run every file from the root directory uniformly.**

1. **How to let robot know that the users want to start predicting service?**

**Added more conversation example in our database.**

1. **Why the speed is too slow?**

**Amazing thing is that the speed is improved when I changed the path.**

1. **Why do the answers about current time appear so frequently?**

**Not solved so far unless deleted the time logic of chatbot**

**Issues/Questions/Comments**

1. **We can generate different suggestions according to the final probability**
2. **If we only apply 5 important feature, the AUC is lower than the normal 31 input feature with 15 year dataset according to my experiment so far. But maybe we can do more experiment with other dataset. 72% vs 82%**
3. **About requirement file, II think pipreqs is more suitable for our project, because it just install the package according to the project not the environment. More details in install instruction file.**
4. **About batch size log, one way to collect scalar variable summaries with a custom frequency would be using Keras callbacks.**

[**https://stackoverflow.com/questions/46475934/keras-model-output-information-log-level**](https://stackoverflow.com/questions/46475934/keras-model-output-information-log-level)

**Ongoing tasks that cover more than a week**

**Specific tasks for the coming week**

1. **When the user enters a question, added the function of automatically prompting.**

**WORKING ON**

1. **Set the time interval to stop recording automatically, so users don’t need to stop it manually.**

**WORKING ON**

**Less urgent specific tasks**