

### Reflection for the Developer Rule

The items that are listed in the sprint commitment are all been completed in this sprint. Firstly, the chat history feature has been implemented, now the clients who has registered and logged into the Chat Server could retrieve the chatting history between other clients and himself by typing the command like this ‘—history <name>’, in which the name refers to the sender name of the messages. Along this process, we manage to store all the messages in the database. Secondly, we move the data of chatter pairs from local to database of the 1-1 feature by updating the former user data schema with two extra columns of item. Thirdly, we are trying so hard to cover the whole projects with test and finally manage to raise the test coverage to a good ratio, which most of branches and paths covered. The last but not the least, we have implemented a refactor on the codes, which make the code much easier to read and manage.

In this sprint, I communicate well with my teammates, and we are doing great. Personally, I contribute from the following aspects. Firstly, I write the user story and use case for chat history feature. Secondly, I implement most part of the chat history feature, by updating message model with more fields, relative constructors, getters and setters, and writing the dao for message model, which provides methods to help write(read) to(from) database. Thirdly, I create the schema for message in the database and test the functionality locally after the implementation.

### Reflection for the Team

Name	Rating	Comments
Yitian Zhu	10	Very communicative, continuing covering tests for the projects and manage to bring the code coverage to a relatively high level.
Nan Liu	10	Active to communicate with other team members, and manage to contribute on the new feature implementation and conduct the refactor.
Jiyang Zheng	10	Great job, trying to create aws account and rds instance on aws and manage to help deploy the project on cloud.
Yuanjie Yue	10	Good work, implement parts of the chat history feature, create schema and connect to local database and test the functionality.