CSE 5911 Individual Report

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0. Background

Ibot is a chatting bot we use as a virtual assistant to many IT software, in order to simplify the work steps and improve the efficiency of work.

1. Individual Contribution

My roles are primary test manager and secondary design manager and primary documentation manager. I involved into designing, coding, debugging and documentations.

1.1 Design of iBot feature

Since I am design manager of iBot, I take part in the design of iBot. In the beginning of this semester, I discuss with my teammates and we come up of several choice: Hubot, Alexa and Bot Framework. Finally we choose Bot Framework and we come up with features such as create, modify and search. And I take part in the design of details of features, for instant, when create a sub-task type, there is a need to find the parent task first; when asking for burn down rate, we need to make sure that the issues we calculate need to include an estimate time.

The use case are included in the Project work, I add explanation for each features.

1.2 iBot Coding

I helped my teammates in the coding of feature and we finish some feature building together. For example, for the search part, we need to include LUIS to deal with the natural language. And I

take part in the development of LUIS language and expand ways to improve of natural language in coding. Furthermore, I code for testing of some simple and basic features, for instant, iBot should be able to response when user firstly types some commands.

1.3 Testing

Since I am the primary test design, I take care of most of the testing & debugging of iBot. When my teammates finish a part of iBot feature, I test the code if there is a bug. I test on Emulator and Skype and return the bugs or suggestions to my teammates.

Manual testing is one of ways I test the code. I insert a use case testing table in the Project Workbook. And some files related to testing in Project Documentation describe the bugs during the testing of iBot.

1.4 Documentations

I do most of all the documentation of our team in order to help them focus on other tasks. I build the structure for these presentations:

- Weekly Standups

- Risk Presentation

- Midterm Presentation

- Final Presentation

- VP Presentation

- Poster

I decided the topics we needed to include in these presentations and fill the main parts of the PowerPoints. Some complex parts like risks or future plan I would discuss with my teammates

and fill the content later. After the presentations, I collect the feedback from teacher and classmates and make an improvement on the PowerPoints.

Moreover, I write most of the final report/ Project Book after I collect project information from other teammates.

1.5 Participation

I take part in

- Lectures

- Group meetings

- Sponsor meetings

And I seldom miss these meetings.

2. Peer Evaluation

I would say each teammate in our group contributes to this project in a different way with their best. Although each teammate has different roles, but our team tries to finish the project and contributes to the project evenly.