**CS 744 – Management Issues in Software Engineering Project Meeting**

Project title: Developing a Tool to Visualize Multi-Agent Patrolling

Group name/number: GIANTS

Meeting #:1

Held on: Jan 27, 2017 at 3:40 P.M.

Location: Room 206, Murphy Library

Members of the group: Dezheng Wang, Weikang Wang and Ying Jiang

Members attended: all

Topic(s) for discussion: Division of project and user stories

Report writer: Dezheng Wang

All members came on time and the meeting started on time.

At the beginning, each team member gave a brief overview of the project and then started to talked about technologies and development tools applied to the project. All team members agreed to use database to store information in this project. Weikang suggested using MongoDB. Dezheng and Ying disagreed because they didn’t have any experience using MongoDB. Finally, the team decided to use MySQL in this project.

One of the most important things of the current discussion was the division of project. Weikang said he could take the responsibility of front-end part because he had development experience for the front-end. Ying agreed and indicated that she had finished some projects related to backend so she would be in charge of backend part. Dezheng agreed with them and also suggested that there could be lots of work to do of front-end for this project. Ying and Weikang agreed. So Dezheng would do the communication between front-end and backend and participate in part of front-end programming.

Next, Dezheng suggested building repository on GitHub to manage this project. Weikang and Ying agreed and Ying built the repository immediately.

After that, the discussion switched to how to summarize user stories. Each team member downloaded the sample file from professor’s website and read it carefully. Weikang indicated that the environment should be flexible and users can initialize the environment. Dezheng and Ying agreed. Ying suggested that open spaces of the environment should also be adjustable. Weikang and Dezheng agreed. Dezheng said if it’s possible to let users select position of each agent. Weikang quickly answered that he had asked same question from instructor and got answer that it depends on developers. So the team decided to give users random agent position or let users to choose agent position by themselves. Next, Ying mentioned that users can choose the way of each run and search the information of each run based on the constraints in project given by instructor. Weikang agreed. Dezheng pointed out that users can choose block view and graphical view according to the requirements. Weikang and Ying concurred with that suggestion.

At the end of the meeting, the team agreed to sort those user stories and draw use case diagram and Weikang will take the responsibility of that.

Next meeting and its agenda:

The next meeting will focus on developing sprints of user stories. The meeting is planned to be on Jan 29, 2017 at 2:00 P.M. in Murphy Library, Room 206.