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

Group name/number: FALCONS  
Meeting #: 10  
Held on: Apr 3, 2017 at 7 P.M.

Location: Wing Tech classroom  
Members of the group: Chaohui Xu, Yifan Gu, Sheng Zhang  
Topic(s) for discussion: Verify rate of progress. Reviewing the application.

Report writer: Yifan Gu

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

At first, the team talked about what has been done after last meeting.

Chaohui asked if Sheng had finished implementing all three algorithms because in the last meeting, Sheng mentioned he may not be able to finish all algorithms before next demo. Sheng responded that all had been finished. Besides, Chaohui has finished implementing UI of target list and current target and Yifan had finished implementing the verification of input for each algorithm and some UI parts. Sheng asked Yifan and Chaohui if the data structure of target list and current target is ok for implementing the UI. Yifan said they are fine. Therefore, all tasks have been finished before the next demo.

Then, the team checked if documents were completed and if there are some parts need to be improved. The documents of user stories and sprint tasks were finished and they look good so we just left them intact. The meeting log 8 and 9 were completed by Sheng and Chaohui and the meeting log 10 was going to be finished by Yifan after this meeting. The only left thing was to finish the test case because some part of the application had not been tested thoroughly.

Next, the team moved on reviewing the application and see if it works fine.

When we started to draw the environment, Sheng said there was still a bug. If click on an obstacle near a region when drawing the environment, the window with “There are some regions that have no agents!” will pop up. Yifan agrees this is a bug, it had been exits for a long time and he forgot to fix it. Yifan went on to say that he thought it is easy to fix and he can finish it in this day.

When watching the graph view, a UI problem occurred. The board which shows current targets sometimes gets distorted. Chaohui noticed that this problem is easy to fix and then fixed it immediately.

At last, the team reached an agreement that to finish the testing in this day and fix all bugs before next day noon.

Next meeting and its agenda:

The next meeting was planned to be on APR 6, 2017 at 3:50 PM in Wing Tech classroom. The meeting will mainly talk about the feedback of professor and the optimization.