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

Group name/number: FALCONS  
Meeting #: 8  
Held on: Mar 28, 2017 at 3:50 P.M.

Location: Wing Tech classroom  
Members of the group: Chaohui Xu, Yifan Gu, Sheng Zhang  
Topic(s) for discussion: The current problem, progress and further work based on the changed requirement

Report writer: Chaohui Xu

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

Firstly, Chaohui said that we should discuss a problem that how to store and retrieve target list and the current target of each agent. And Chaohui said here is a solution that each step of current target of each agent can be stored in targets, and there is a “historyTargetList” which will store each step of target list. Yifan said that it’s available and Sheng added that because of JSON format, this method is convenient to have key-value pair. And Yifan agree with that and said we can use a key corresponds to array of value. Chaohui said he will finish this problem soon.

Secondly, we discussed the current progress of each team member’s work. Sheng said that for algorithm part, he was working on it. But he can not promise to finish all the algorithm by this demo. Yifan said that is fine, and Sheng you just need to try your best to do it. Chaohui agree with that and added Sheng you can finish the first part of this algorithm then we will demo this part. If you do extra algorithm we can discuss it during next meeting. Sheng said he will work hard. Chaohui said he almost finished the GUI part of the changed requirement. And Yifan said he was about to complete his part work. And all of us thought the progress of our current work is fine, and When Sheng finish his first version of the algorithm we will do the integration.

Next meeting and its agenda:

The next meeting was planned to be on APR 3, 2017 at 2 PM in Reuter Group Study Room. The meeting will focus on integration and how to demo.