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

Group name/number: FALCONS  
Meeting #: 15  
Held on: Apr 29, 2017 at 3 P.M.

Location: Reuter Group Study Room  
Members of the group: Chaohui Xu, Yifan Gu, Sheng Zhang  
Topic(s) for discussion: check the bugs we mentioned last time, everyone report his testing result according to the test data files that given by the professor.

Report writer: Chaohui Xu

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

Firstly, we talked about the bugs which we found last time. Yifan said the bug that when running several steps, the situation of the graphic view disappeared has been fixed. He said that the reason of this bug is we changed the method of reading a file, so there are some inconsistent data. We forgot to update the corresponding code. That’s why this situation happened. And he added that it also affected the display of the switch between graphic view and block view. Sheng emphasized that it’s caused by our inattention, we must avoid those problems, all the team member agreed with that. Yifan said he has fixed the error messages and made all the error messages consistent. The rest of us agreed with him, and Sheng said he has tested those error messages. Sheng said for now he did not find any inconsistent error message. Then, Chaohui said he has fixed the bug of display the target list, the reason of this bug also caused by the same reason that we changed the way of reading a file and did not update the code of graphic view. Yifan said he has solved the problem that the user can upload configuration file before selecting an algorithm. He added that the default selection algorithm is free, and the user can select other algorithms. Only when the user finished the selection, then the user can upload a file.

Next, everyone reported their own testing result according to the test data files which are given by the professor. Sheng said he did not find any mistake now, and he will do the testing again to make sure everything well. Chaohui said when he tested the Constrain-4 files, he found some duplicate error messages. For example, the agent 8 was not in a region, but the error message shows twice. Chaohui added that for the testing result of free algorithm, he did not find any mistake. Yifan said he tested the Constrain-3 thoroughly, and there is no mistake. After we pointed out the duplicate error, Yifan solved this small bug during our discussion.

Next meeting and its agenda:

Who knows