Performance Review 4

Peter Macgregor, s1126155

March 10, 2014

1 Your Contribution to the Group

Once again, I've been working on vision throughout the last few weeks. I created a GUI, included functionality for saving settings, and improved the algorithms for tracking the robots. I also included other functionality as requested by the rest of the team. I was then available during testing to ensure that vision was working correctly and to teach the team to set it up.

2 High Points of Your Contribution

- Creating GUI for running and fine-tuning vision.
- Added the ability to save vision settings.
- Improved robot tracking.

3 Points Awarded to Each Member (out of 5)

- Peter Macgregor - 4
- Patricia Dragan - 1.5
- Egidijus Skinkys - 3.5
- Andrew Leith - 4
- Nursultan Askarbekuly - 3

- Peak Limpiti - 4.5
- Zhang Chen - 4
- Aris Tsialos - 2
- Kuba Kaszyk - 4

4 Additional Information

The code for running the GUI and saving state was roughly based on code from last years group 4. The robot tracking now relies heavily on detecting the green plates rather than just the color of the 'i's. The plates are much easier to detect well using vision. I also wrote a wiki article on setting up vision since it requires setting up in a certain way due to the way I track the robots.