

# James Hulme - s0901522

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Performance Review 4 - March 22, 2012

For this milestone I have been mainly helping out trying to find and fix bugs in the system. I also documented the vision system code.

My main contributions have been:

- Running a profiler on our code to try and find the memory leak in vision. The leak did not reappear, so I concluded that we fixed it at some point unintentionally. I also monitored the CPU usage to find out the typical load we use. Allowing us to identify if we have abnormal behaviour.
- Going through the vision system writing javadoc for it, probably should have done from the start, this was a request of a few other members of the team. Now most questions about the system can be looked up in the javadoc. Also if anybody uses our code next year it will make it a lot easier for them to use the code.
- Finding bugs in the system such as the arcing system not working quite correctly due to a pixels/node mix up.
- Trying to integrate our two separate GUI windows into one window. This proved near impossible to do without a restructuring of the system.

Most of my effort before the final tournament is probably going to go into the presentation. But I will also try and help my teammates solve the issues we are having with the robot.

My Score: 6

Exceptional Effort (9): Rado

Better than Average (7): Darie, Laurie