SDP Group 7 Team Performance Review 3 - March 8, 2012

Name	Matric No	Score	Comments
Wiktor Brodlo	s0927919	3	I have finished the simulator I was working on and published a document explaining how to use the simulator. I have set up the Jenkins continuous integration system. I have also contributed to the integration plan and the angle system.
David Fraser	s0912336	9	I continued development of the pure pursuit system and this is now producing the arc commands as specified. I also worked on identifying bugs in the control system with Dale and I am continuing to work these out of the system.
Radoslav Gabrovski	s0951580	6	Throughout the past three weeks, I have manly been involved into the development of the vision system and I also was involved in the angle system and the implementation of some of the control functions for the milestone.
James Hulme	s0901522	9	This milestone I started off by creating a technique to consistently get the robot position accurately. I then polished up multiple areas of the vision system providing cleaner and faster code. I also updated the vision testing system to keep it up to date with the recent changes.
Dale Myers	s0942590	9	I shifted my focus away from the vision to the strategy system. Most of my time in strategy was spent fixing small bugs, learning how the system worked so that I could work independently. In this respect I was successful as I can pinpoint code and fix any errors that come up without bothering others.
Laurie Picken	s0903587	6	My contributions have been in construction and strategy, I provided a pair of prongs at the front of the robot to control the ball whilst dribbling and helped to build a kicker that works around the front wheels. I also provided the strategy and command interface for penalty offence and defence.
Darie Picu	s0935756	6	Worked on much of the mathmatics behind the planning system such as ball predicition. Also worked on the contruction of the new kicker to go round the spinners.
Tomas Tauber	s0943263	9	I upgraded the LeJOS firmware and library to the new version, wrote an initial odometry-based fallback navigation to the initial position, stress-tested the whole system and measured its lead using the YourKit profiler, and prepared a solution for the milestone with some parts of the existing strategy code.
Christopher Williams	s0955088	9	I have been working on the Planning and Strategy of the robot. This includes working on the A* path finding and developing the vehicle that creates and carries a plan to the Control Interface of the robot.

Good things - Improvements to the kicker were made do it can now kick with the spinners on the front of the robot. Team communication has improved since the last milestone. Strategy is continuing to progress well.

Things to improve - The control system has been identified as a weak point for bugs. This should be reworked over the next week or so to remove any of the bugs and difficulties we encountered over the past few weeks.

Goals for next Milestone - We want to get arcing working properly and using it move the robot rather than hacked together solutions at the last minute. Progression in the vision system with barrel distortion and paralleling would also be ideal.