

SYSTEM DESIGN PROJECT 2013

MILESTONE 3 INDIVIDUAL REPORT

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Group Contribution

My contribution to the group for this milestone was firstly trying to implement a holonomic navigation which failed at getting the exactly correct orientations. The Ian Johnson came around and with the help of the code I had written we fixed the navigation enough so it could be used to go to the ball and kick which is actually how we won the friendly. After the friendly I worked on debugging various parts of our codebase because some things weren't quite right and others crashed the whole program completely. I also helped out in the testing of the actual robot by using the navigation and AI coupled together.

High points for the contribution

- ☑ Testing the omnibot and taking part in building and debugging the Navigation.
- ☑ Fixing a silly and obvious (which wasn't that obvious at the time) crash in the GUI (the overarching program).
- ☑ Helping debug other broken pieces of code and identifying possible problems.

Points earned and justification

In my opinion the points I have earned for this milestone would be somewhere between a 3 and a 4 but I will let the team decide how to exactly score me because I did a fair amount of work but was also absent a lot during the Innovative Learning Week which maybe brings me down to a 3. In my opinion Ian Johnson and Georgi Koshov deserve a 5 because Ian has been involved in every aspect of the project and contributed quite a lot and Georgi build the Arduino module to replace the bricks from scratch.