

SDP 2012 Group 9 - Individual Final Report

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1 Overview

My position in the team was ‘Software Lead’ which meant that in addition to actual development work, I was also in charge of the assignment and overseeing of development tasks. My main contributions were in Vision, Strategy and Control subsystems, but I also worked at some point or another on all of the other components. Thus, at any point, I knew how all the subsystems worked and how they interacted which allowed me to act as liaison between the different subteams.

2 Design

We decided early on that we wanted all of the source code to be written in Java. The reason we wanted to use a single language was to avoid latency issues due to IPC and, more importantly, avoid the debugging difficulties inherent in non-monolithic designs. Java was used because it was, as it is so often the case, the language with which most of the team members had experience.