Jack Davey

**Iteration Plan**

**Monday**

The plan is to use Monday as a day to gather requirements for this weeks work and also to build the design documentation for this week’s piece of work. I should also be planning how I’m going to implement the required functionality for that week. In other words by the end of the day, I should have a clear picture in my head of what I’m going to implement that week, as well as the rough design of how I’m going to do it. As part of this process, I also plan to create a set of acceptance tests that I can then get signed off by my project supervisor each week, so we both know what is to be delivered and by when.

**Tuesday**

Tuesday will primarily be used to take the designs created yesterday and beginning the process of transforming these requirements into code. This does not include testing, as this will be undertaken on a different part of the schedule. During this section of the iteration, I should be careful to conform to all relevant coding style guidelines.

**Wednesday**

Wednesday is primarily intended to be a continuation of the work started yesterday, but if there is time, I will start on the testing activities of Thursday

**Thursday**

Thursday will be the day that I thoroughly test the new functionality I’ve been developing that week. This will range from unit testing of simple components, to wider integration testing of the whole system. I will document these tests both in the form of written test plans, and also through the use of ScalaTest test classes where appropriate.

**Friday**

While I will be producing certain parts of the documentation all the time, I intend on using Friday as a day to catch up on any remaining documentation and also to add some more content to my dissertation. If needed, I will also use it as an overspill day for the rest of the week’s work.

**Saturday and Sunday**

These will be used as overspill days incase something doesn’t go to plan on one of the other days.