

Sprint 1 Report

Actions to stop doing:

Deadline management: Not everyone was up on when tasks were expected and when deliverables were due.

We need to make less general tasks. Making huge tasks and splitting them up between members made it very difficult to keep track of how much progress we had made on the sprint.

Actions to start doing:

Cross-task pair programming or mob programming. Research shows that these techniques produce far fewer faults in code.

Old code we wrote in sprint 1 needs to be maintained as new modules start interacting with the ones we have written so far.

Actions to keep doing:

Working through tutorials. We are jumping head first into developing for a platform we don't have much experience in.

We need to keep the communication up. We have been good about communicating and meeting up to discuss verbally on a regular basis where we are with the project.

Work completed/not completed:

We were under the impression that the two and a half week sprint started after the scrum plan and scrum board were completed. However this was not the case, so our original estimates were inaccurate. We then had to revise our plan, and a fair amount of tasks will be moved into sprint two. All of the main tasks have been started; however we haven't yet completed the tasks to our satisfaction. We have not yet put our UI and netcode projects together, and the UI is not as far along as we would have liked. The netcode portion needed more research and general effort than we anticipated, so that is not far along either. In addition we did not anticipate the difficulty of developing for android, a platform that many of us had not worked on before. We spent a good portion of our sprint time learning how to develop for android and as a result we added a new user story. The new story is for us as developers to learn android and the specific elements of android like WiFi direct that we will need to know in order to complete the project.

Work completion rate:

Completely finished user stories: 0

Completed tasks: 7

Ideal Work hours of finished tasks: 22

Effective days of sprint(Not including when we were not aware the sprint was started):9

Tasks per day: 7/9 or ~0.77 tasks per day.

Ideal work hours per day: 22/9 or ~2.44 hours per day

