

Sprint Retrospective Report

In sprint one's retrospective we were able to identify several positives, areas that we thought worked well, along with several areas where we have tried to improve upon in sprint 2. We also decided as a team to switch our scrum master for sprint 2. This allowed the team to experience different styles of leadership. One of the main positives we identified in sprint 1 was that the use of scrum meetings gave us all a good understanding of what each member was doing day to day, along with allocating and sorting tasks. One change we decided to make was for the scrum master to take more notes during the meeting, so that we have a more accurate record of each person's progression.

A key element we wanted to improve on from our first sprint was our time management. One of the ways in which we did this was by using a burndown chart in our sprint 2 backlog. This allowed us to track our daily progress and highlighted that we were running behind on our backend implementation, therefore we had to rethink our strategies and brainstorm ideas on how to catch up. We were having issues connecting to our database with JSP, so we decided instead of wasting more time trying to fix the issue we tried a different approach and used Python instead.

Another change we decided to make was to do our spikes at the start of the sprint rather than in the middle, because we thought it would help us to speed up the implementation of functionality. At the sprint planning meeting we decided what new features/languages we needed to start working, for the next step in our development. Since we finished the spikes within the first day or two, we were able to move forward with integration and installing the necessary environments. This point also links to our identification of our poor planning going into the first sprint which turned out to be a large problem that we faced. Our better planning at the start of this sprint benefited our productivity and allowed us to move on to other tasks quickly.

Another action we chose to carry out as a result of the sprint one retrospective was the use of a project board on GitHub to record and resolve issues that arose during the sprint. This gave us all a better and clearer understanding of which tasks had been completed, which had been started and what still needed to be worked on. We were using this alongside our sprint burndown chart to keep track of how fast we were completing story points.