



This graph represents our burndown chart, which has story points on the y-axis and time on the x-axis. The orange line is our goal/planned velocity which represents the sum of all the story points from our project scope product backlog. It is represented as a linear line from the beginning of sprint 1 to the end of sprint 3. The blue line shows our actual velocity, which represents the completion of user stories throughout sprint 1, 2 and 3.

This chart shows that our actual velocity was slower than expected in sprint 1 and 2, however our actual velocity overtook our expected in sprint 3. In addition our sprint 2 velocity was faster than sprint 1, and sprint 3 was the greatest. We completed 18.25 story points in the 1<sup>st</sup> sprint and 22.5 story points in sprint 2 and 33 story points in sprint 3. Our total story points completed were greater than the initial expected amount. This is a result of some of our user stories being upgraded in story point value throughout sprint 3.

The reason our velocity changed through the course of this release was the result of 4 main factors:

- 1) Sprint 1 overlapped with midterms, thus as a group we had less time to work on the project.
- 2) Improved communication; by sprint 2 we have gained significant experience working with each other, appointed a leader and thus have become more effective communicators.
- 3) Our skills are improving; the start of the project was slow as we all have minimal experience in web development. However, as we have spent time implementing features, our skills have improved and we are able to work more efficiently.
- 4) We work well under pressure, as the deadline approached we improved our efficiency.