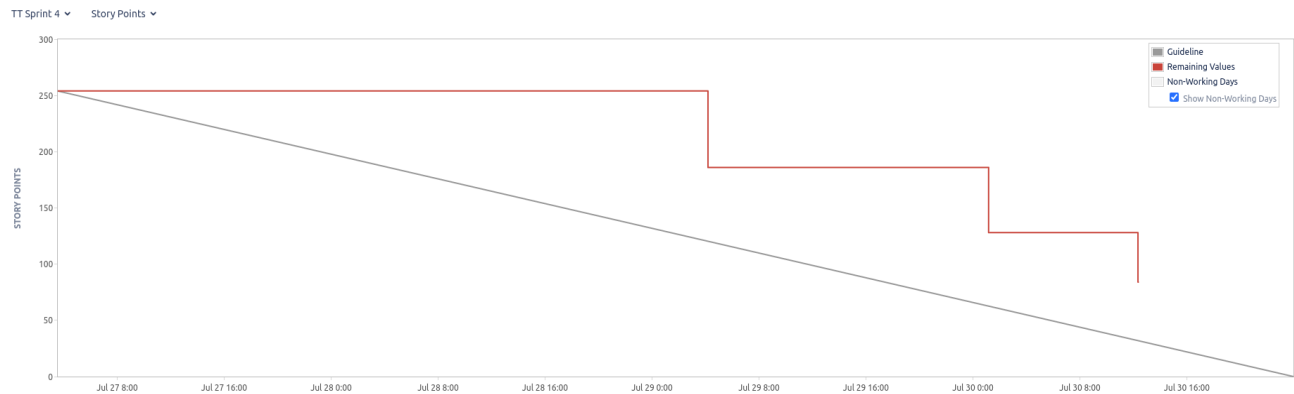Burndown Chart

Figure 1: Sprint 4 Burndown Chart

Burndown Chart Explanation

This sprint was started on July 27 which was when all stories and subtasks were finalized and added to JIRA. There are no increases in the graph which means that no new stories were added and/or re-estimated. On July 29th, the first user story was completed. On the 30th, two more stories were completed. The steepness of the decrease on the 29th vs. the 30th are similar since the two stories completed on the 30th sum to a similar amount of story points as the single story completed on the 29th. On the 30th we decided to remove a story from the current sprint which explains the drop in the graph. At the time this chart was generated (morning of July 30th), there are two additional stories that are close to completion. Thus, the graph does not drop to 0 but it should by the end of day today once those stories are marked as complete on JIRA.

Sprint Velocity Comparison

Sprint3 velocity = 190 story points
Sprint4 planned velocity = 210 story points

This sprint we aimed to slightly increase the velocity by 20 points. We planned to complete a similar amount of features as in sprint3, but with slightly more complexity. We aim to tackle 3 difficult stories (Google Calendar integration, company invitations and project deployment) and 2-3 smaller stories. Adding on another difficult story like messaging or discussion board functionality would increase the velocity by ~ 70 and would thus be unlikely to finish this sprint. This is especially considering that we were just able to finish 190 story points last sprint. A velocity significantly higher than 190 would likely be too much for this sprint.