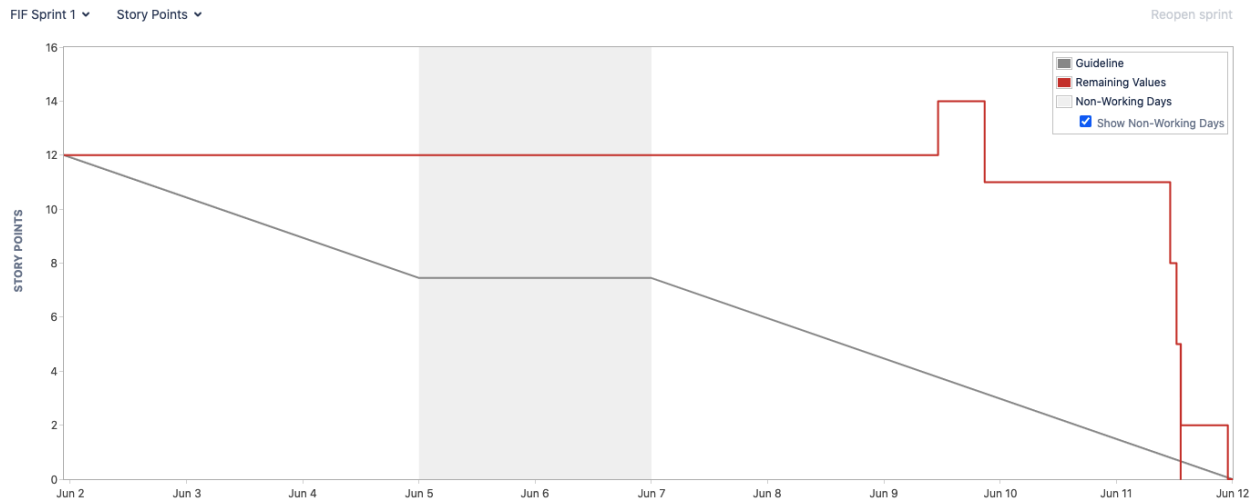
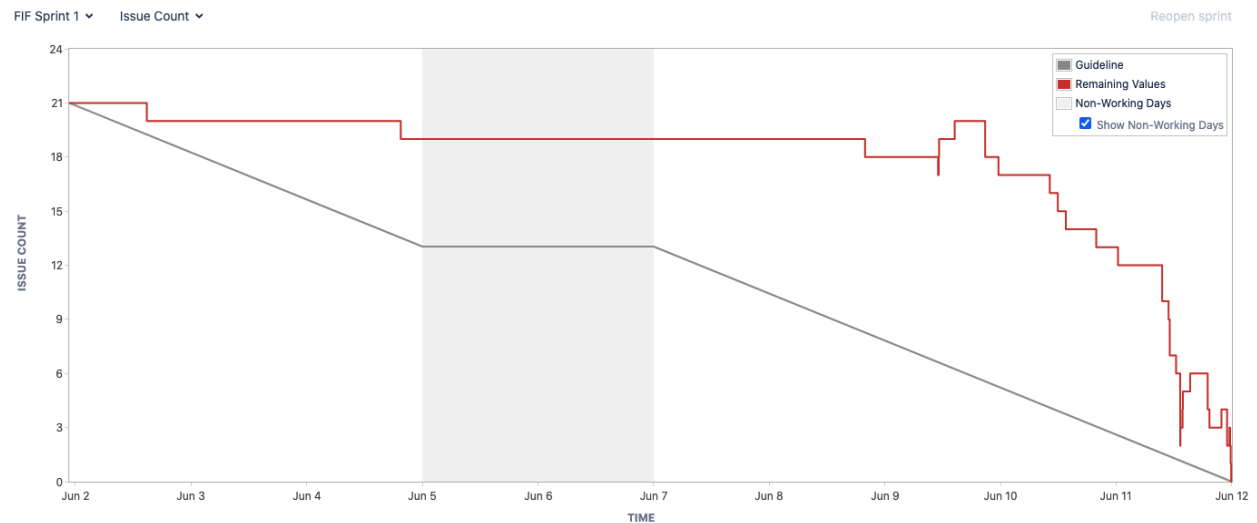


Burndown Chart

Sprint 1 Burndown Chart (Story Points)



Sprint 1 Burndown Chart (Issue Count)



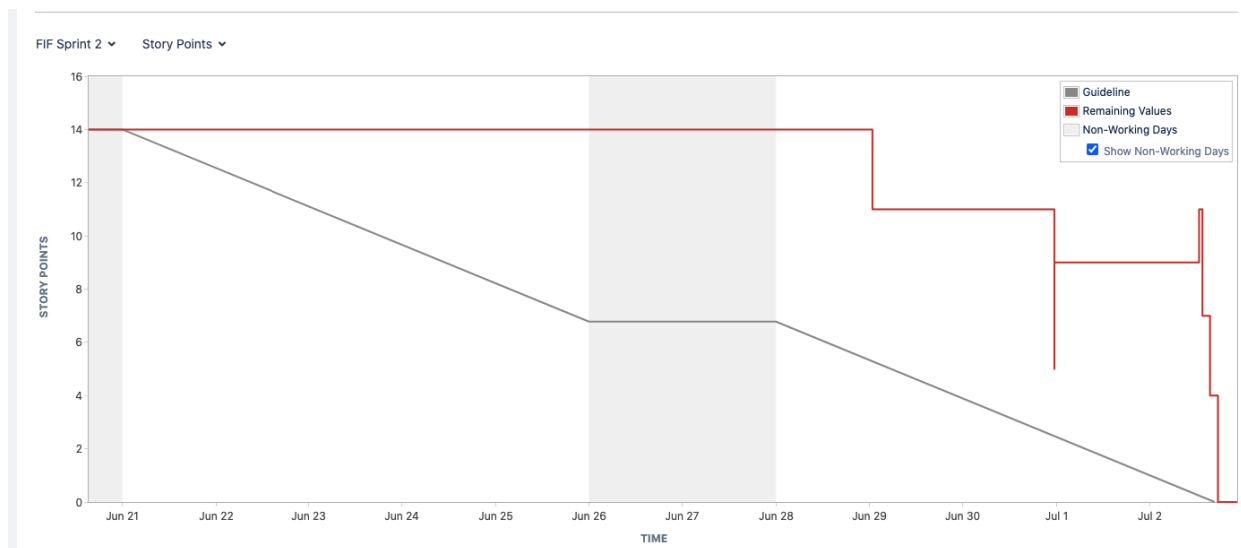
The first week of the sprint involved lots of non-feature tasks, including:

- Release Planning Meeting
- Sprint Planning Meeting
- Learn how to use our Stack: NextJS for frontend, NestJS for backend
- Learn how to set up CI/CD and do testing.
- Setup a boilerplate project

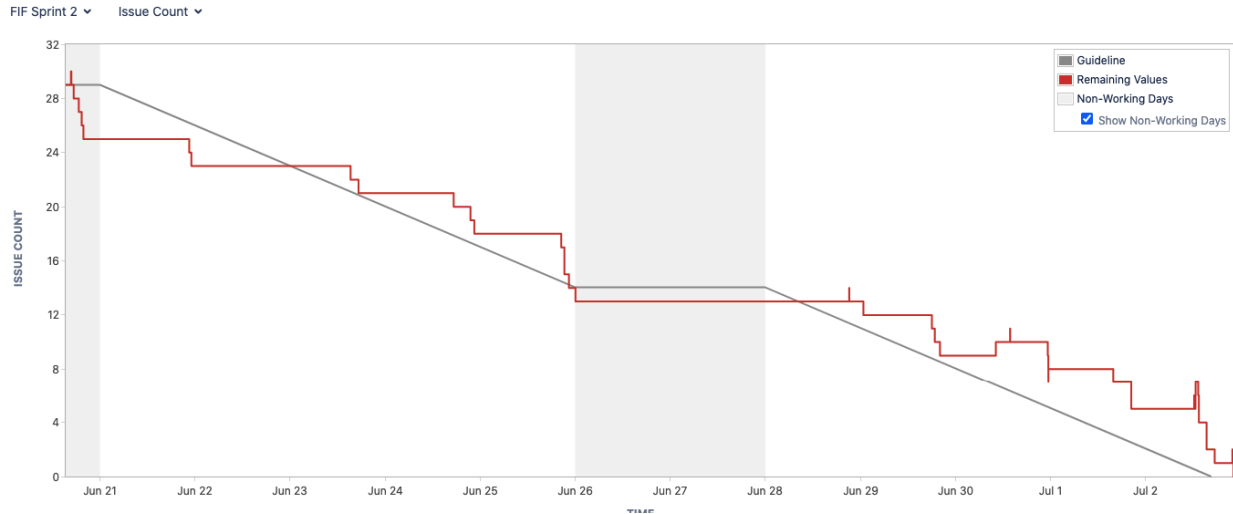
The dependencies between tasks blocked people from starting new tasks. For instance, the profile fetching task was blocked by the backend's paginated API task. The paginated profile API task was blocked by having a profile DAO and entity. That task was completed in the login branch, which added a further overhead of merging the task branch into the user story branch, then into develop and then pulling from develop to the other user story. We resolved these dependencies after we completed the login & registrations user story, at which point almost all tasks were unblocked. Hence the rest of the teammates were able to complete their tasks by the deadline.

The story point increase between June 9 and June 10 is because we were told all features must include both a backend and a frontend. So our frontend task for requests had to be modified to include a backend component, and as a result, we re-estimated the story from 1 story point to 3 story points.

Sprint 2 Burndown Chart (Story)



Sprint 2 Burndown Chart (Issue Count)



Sprint 2 was significantly more organized than sprint 1. The stories did not block each other, and all members had tasks at the beginning of the sprint. As such, half of the issues were completed during each week. The issues were completed in separate user stories, so the story burndown chart still looks similar to sprint 1.

Velocity Comparison: In both sprint 1 and sprint 2, we completed 14 story points. The velocities are identical and 3 sprints were not completed yet, so we will keep the team velocity at 14 story points.