

Sprint 3 scheduling

Critical path

This sprint had two major components that were dependent on multiple tasks; those being the appliances page and the tasks list page.

For the appliances page, to create a way to edit appliances (TABS-105), we first needed the appliances page (TABS-106) done first since we planned to integrate the UI for editing appliances into the regular appliances page (as in there will be extra buttons for admins). Another thing that needed to be done was the popup for the appliances page (TABS-116), since otherwise we would not have the UI for adding appliances (we were able to integrate deleting appliances into the regular appliances page UI). Thus, the ticket TABS-105 (Edit appliances) depended on TABS-106 (View appliances) and TABS-116 (Popup for appliances).

The critical dependency was identified in our tasks list tickets. Firstly, to complete the notifications for upcoming tasks, we needed a way to assign tasks to people, which was done through the tasks list backend and the assign chores/tasks admin page. This task (notifications) thus depended on the two tickets, and the assign chores/tasks page depended on the backend, so our critical path in this case had a length of 3: the longest dependency path in this sprint.

Keeping on schedule

In order to keep on schedule, we made sure that the tasks were completed with adequate priority, so the group members we assigned to work on the tasks list tickets would focus on those first before working on the other tickets.

This way, there would be less distractions on getting the tickets done, which we believed would help in getting the tasks done in time.

Dependency Graph

Below, you can find the dependency diagram for the project with the critical path highlighted in red.

Network diagram

Critical path highlighted in red

