

Schedule

At the start of Sprint 2, our team convened to discuss and define the next set of tasks we planned to tackle. Recognizing upcoming exams and time constraints, we specifically chose user stories categorized as **"easy"**. This decision aimed to ensure manageable workload and timely completion.

Once tasks were clearly outlined, team members selected tasks matching their skill sets and areas of comfort. Throughout the sprint, we maintained constant communication via group chats and regular check-ins during standups. Our discussions included clarifications on feature implementations and resolving any blockers quickly.

Challenges:

Despite careful planning, Sprint 2 presented some unforeseen challenges:

- Due to feedback from Sprint 1, we had to refactor our codebase significantly to integrate an API capable of providing necessary data to our app. Evaluating and selecting the most suitable API required more time than initially anticipated. As a result this ate up into development time.
- We identified a critical oversight: the voice AI transcription feature depended on the prior completion of the text-based AI assistant. Due to overlooking this dependency, development on voice transcription had to be temporarily paused until the texting functionality was implemented.
- Although we anticipated reduced capacity due to exams, we underestimated their impact, which resulted in incomplete tasks and slower sprint progress.
- We also did not properly assess how long each user story would take and as a result were unable to complete the sprint.

Achievements & Learning:

Although we couldn't complete every planned task within the sprint due to the challenges mentioned earlier, we still gained valuable insights and made significant progress.

- We learned that assigning story points requires careful consideration, and it's important to re-evaluate these estimates when the user stories are assigned to individual team members, as they are the ones who can properly determine how long it will take them to complete the task.
- Creating the network diagram provides clearer insight into task dependencies, improving our understanding of workflow and helping us identify which features to prioritize to ensure timely project completion.
- Analyzing the critical path, we see that completing the final user story—*"As a student, I want to enter a given budget and have the app curate a meal plan that keeps me within budget"*—depends on an independent key story:
 1. *"As a university student, I want to find cheap ingredient suggestions (deals) in nearby stores so that I can stay within my budget."*

Therefore prioritizing them in the upcoming sprints will streamline progress and help ensure the project is completed on schedule.

