

Sprint 2 Schedule Overview

This document summarizes the task schedule, key dependencies, and the identified critical path for Sprint 2.

Task List

A – User Registration
B – Email Verification
C – Authentication & Session Management
D – Commuting Preferences Setup
E – Core Matching Functionality
F – Commute Request System
G – Profile & Data Visibility Controls
H – Student Verification Badges

Dependencies

A → B → C → D → E → F
C → G
B → H

Critical Path

The longest chain of dependent tasks determining the sprint completion timeline is:

A → B → C → D → E → F

Any delays along this path directly affect the sprint's completion.

Maintaining the Sprint Schedule

To keep the sprint on track, priority was given to all critical-path tasks. We ensured that:

- Tasks A, B, and C were completed early so downstream work could start without delay.
- Non-critical tasks (G and H) were handled in parallel when team members became available.
- Blockers were raised and resolved quickly during daily stand-up meetings.

What We Learned

The most time sensitive tasks involved integration (D and E). Early identification and breakdown of complex work helped reduce delays. Any future sprint involving similar dependency chains should allocate buffer time for integration-heavy tasks.