

# 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.