Sprint 1 Report

Campus Hive

1/28/25

**Actions to stop doing:**

We should stop trying to do a lot of our work individually with no sort of communication between the rest of the team. This led some of us to struggle to complete our tasks on time based on what we projected between our stand-up meetings. If we become more clear in the communication of blockers with these stand-up meetings without being scared of an issue, it will be more beneficial to the whole team, and this will significantly prevent delays in the future.

**Actions to start doing:**

Since we are all working together and it is tough to all work on code simultaneously on a single version control platform (GitHub), it would be effective to establish some sort of practice of peer reviewing all code before merging into the main branch. Whether it is the whole team meeting or just a few members, this will be important in maintaining high-quality code and avoiding any potential issues. Additionally, having these meetings will inform the code writers more about what they developed by forcing them to explain what they did, and it also helps the reviewer get a good understanding of other aspects of the code base that they are not familiar with.

**Actions to keep doing:**

One thing that we must keep doing is following proper practices in terms of code structure and documentation. We have been good at writing clean and well-documented code, and this is good for all of us to understand what is going on in different parts of the codebase. Additionally, this makes it easier for us to build on, and this will ensure progress moving forward.

**Work completed/Not completed:**

**✅ User Story 1:** As a new user, I want to create an account on Campus Hive using my email and a secure password, so that I can personalize my experience and access exclusive features like creating posts or leaving reviews.

Task 1: Set up a backend authentication service using Firebase ✅

Task 2: Design user schema backend (email, password, confirm password) ✅

Task 3: Implement an account creation API endpoint to accept email and password ✅

Task 4: Implement input validation (email is valid and password meets basic criteria such as minimum length and special characters) ✅

Task 5: Design a simple form frontend for fields of email, password, and confirm password ✅

Task 6: Connect to Backend API to send form data to an endpoint ✅

**✅ User Story 2:** As a returning user, I want to log into my account securely using my email and password, so that I can access my dashboard and interact with the platform.

Task 1: Create APIs that automatically sign in users with Google sign-in API ✅

Task 2: Create UI/UX design on the login page for users to sign in with their Google account ✅

**✅ User Story 3:** As a user who forgot their password, I want to reset my password using my registered email, so that I can regain access to my account.

Task 1: Design and implement a web page for entering an email address to send a link to ✅

Task 2: Implement functionality for generating a password link to send to the user's email. ✅

Task 3: Create a page where the user enters a new password and verifies it. ✅

Task 4: Create a script for updating the database via Firebase APIs ✅

**Work Completion Rate:**

Total number of user stories completed during the prior sprint: 3

Total number of estimated ideal work hours completed during the prior sprint: 11

Total number of days during the prior sprint: 14