Heading: Sprint 1 Plan

* Product Name: Campus Hive
* Team Name: Campus Hive
* Sprint 1 Completion: 1/28/2025

Goal: Create a basic website application where users can sign in or create an account.

**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 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

Team Roles:

Manav Patel: Product Owner, Software Engineer

Arhan Padmanabh:Software Engineer

Tanishq Patil: Software Engineer

Rithwik Vaidun: Scrum Master, Software Engineer

Aryaman Gautam: Software Engineer

Initial Task Assignment:

Arhan Padmanabh: User Story 3: Task 3

Manav Patel: user story 1: Task2, user story 1: Task3, user story 1: Task 4

Google Sign-in functionality, Create a front page to allow users to sign in

Tanishq Patil: User Story 1: Task 1: Create/Setup Firebase project with Firestore, User story 3: Task 4, User Story 3: Task 2

Rithwik Vaidun: user story 3, task 1

Aryaman Gautam:

**Initial Scrum Board**

**https://docs.google.com/spreadsheets/d/1BiOxzCSPyuOw4I7qJ4NWZYX3lnVuHnFaVS4elDHyoqk/edit?gid=0#gid=0**

**Scrum time:**

Daily Standup:

Tuesday: 9:00am-9:15am

Thursday: 9:00am-9:15am

Saturday: 9:00am-9:15am

Meeting with TA/Tutor - Scott Davis - Wednesday 12pm-1pm