Heading: Sprint 3 Plan

* Product Name: Campus Hive
* Team Name: Campus Hive
* Sprint 3 Completion: 2/25/2025

Goal: Associate locations and user discussions with activities

**User Story 1:** As a user, I want to see the location of activities near me on an interactive map, so that I can easily find where they are and plan my visit. (4 points)

**✅Task 1: Use** the Google Maps API to get a visible interactive map of the world onto a webpage (2.5 hours)

**✅Task 2:** Use the provided information in the activity post to query for a specific location match(es) with the Google Maps API (2 hours)

**Task 3:** Ensure the UX allows users to easily find and navigate to locations associated with activities (2 hours)

**Task 4:** Create a page that loads for each activity when you click on it containing the map component (2 hours)

**User Story 2:** As a user sharing an activity, I want to upload photos of my experience, so that others can get a better visual understanding of the activity. (3 points)

**✅Task 1: Implement** Frontend UI for Photo Upload. Users should be able to upload up to 5 photos, they can see a thumbnail preview of the images, and they should also be able to remove images if accidentally uploaded. (4 hours)

**✅Task 2: Store** the image information in the Firestore database. They should be uploaded to Firebase storage and the image URLs can be stored in Firestore under “images”. (2 hours)

**✅Task 3: Display** the uploaded images within the activity card on the main home page. Users should be able to see a thumbnail image on the main page. (3 hours)

**✅Task 4:** Implement a drag-and-drop feature where users can take an image from their computer and drag it directly into an area. This will allow the image to be uploaded to the activity form and the UI should be clear in where the drop-down zone. (5 hours)

**User Story 3:** As a registered user I want to comment on or start a discussion thread under existing reviews so that I can share feedback and engage in conversations with others. (5 points)

**✅Task 1: Create** a section on the page associated with each activity for user comments (1.5 hours)

**Task 2:** Integrate with Firebase to allow for user comments to be stored alongside which user posts them (<1 hour)

**✅Task 3:** Add a button/input box to create a comment that gets stored in our Firestore database (1 hour).

**✅Task 4:** Have our website query our database for user comments and load these comments iteratively as we scroll through the page (3 hours).

**Task 5:** Ensure the UI of our user comments is intuitive for new users (1 hour)

**User Story 4:** As an unregistered user, I want to get a simple blurb or hook on the login page that tells me about what Campus Hive is all about and why I should sign up. (3 points)

**✅Task 1:** Make the login page UI prettier by integrating a logo and adding some background color to make the overall ambiance of the website more welcoming so users are comfortable signing up and logging into the application (1 hour)

**✅ Task 2:** Write a minimal and descriptive blurb to go on top of the login page with the idea of telling people the premise of our product and the goal of them joining as a registered user (<1 hour)

Team Roles:

Manav Patel: Product Owner, Software Engineer

Arhan Padmanabh:Software Engineer

Tanishq Patil: Scrum Master, Software Engineer

Rithwik Vaidun: Software Engineer

Aryaman Gautam: Software Engineer

Initial Task Assignment:

Arhan Padmanabh:

Manav Patel:

Tanishq Patil:

Rithwik Vaidun:

Aryaman Gautam:

**Scrum time:**

Daily Standup:

Tuesday: 9:00 am - 9:15 am

Thursday: 9:00 am - 9:15 am

Saturday: 9:00 am - 9:15 am

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

1. Everyone test end-to-end: Bug Report(s)
2. Unit Tests

End of quarter meeting:

Professor Jullig will ask for sprint 3 plan, sprint 3 report, how we formulated plan, how did we follow style guideline, show how we implemented user story in our codebase, 1 or two test cases (make code readable), make plan very clear, report very clear

Handling errors/testing as part of the definition of done/style guideline

Demo at the end of this sprint

Hopefully deployd to cloud