Sprint 2 Report

Campus Hive

2/12//25

**Actions to stop doing:**

We should stop trying to do tasks individually without proper communication with other team members, as this has led to the same tasks being done twice and merging conflicts. This has significantly increased the time we had to spend working out problems that arose. Furthermore, we should also stop building the application without creating initial Figma designs, as having a Figma design to go off of would be extremely beneficial in creating better UI elements and overall making the web application look a lot cleaner.

**Actions to start doing:**

As a team, we should start setting up more meetings to work together over technical challenges and blockers. Through meetings, we can improve our communication of potential blockers that we are facing as a team. Communication through Slack/Discord can be inefficient for more technical problems. Having a meeting can be time efficient for the team as the team is entirely focused on the problem. This further improves team collaboration. Additionally, we should also encourage knowledge sharing of different components with the team to ensure that when teams take on responsibilities related to a component, they understand the tasks and can help improve the efficiency of software development.

**Actions to keep doing:**

We should keep completing tasks successfully by the end of each sprint, as everyone has completed their respective tasks without issues or blockers. We should also keep using Git correctly and solving merge conflicts well such that our code is clean and consistent with everyone on the team.

**Work completed/Not completed:**

**✅User Story 1:** As a logged-in user, I want to create a new activity post with details such as the title, description, location, and tags, so that I can share my events with other users.

**✅Task 1:** Design the database schema for activity posts, including title, description, location, tags, and user ID. (3 story points)

**✅Task 2:** Develop the user interface for creating a new post with fields for title, description, location, and tags. (3 story points)

**Task 3:** Implement the API endpoint to handle post-creation, including validation and error handling. (5 story points) (validate location is real, implement a city and state drop-down menu)

**✅Task 4:** Provide feedback to the user after post creation (success or error message). (2 story points)

**✅User Story 2:** As a user browsing Campus Hive, I want to view a list of activity posts with real-time updates, so that I can stay up-to-date with the latest experiences shared by others.

**✅Task 1:** Create a UI to display activity posts with titles, descriptions, and basic details. (3 story points)

**✅Task 2:** Implement the API to retrieve activity posts from the database. (3 story points)

**✅Task 3:** Optimize the UI for a better user experience, including sorting and filtering posts (2 story points)

**✅User Story 3:** As a logged-in user, I want to upvote or downvote an existing activity post, so that I can share my opinion and help others decide if the activity is worth trying.

**✅Task 1:** Add upvote and downvote buttons next to each post in the activity feed. (3 story points)

**✅Task 2:** Implement an API to handle voting (upvote/downvote) and associate votes with users and posts. (5 story points)

**✅Task 3:** Ensure that each user can only vote once per post (either upvote or downvote) (3 story points)

**✅Task 4:** Update the vote count display after a vote is cast (2 story points)

**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: 55

Total number of days during the prior sprint: 14

