

Uni Hub - Enhancing the Campus Community Experience

The transition to university life can be overwhelming for many students. Recognising this challenge, Uni Hub was launched as an innovative online platform with the vision of transforming how students engage with their campus community. While the platform has shown promise in its initial release, recent user feedback and growing demands have highlighted opportunities for significant enhancement.

Currently, Uni Hub serves as a digital gateway where students can establish their presence within the university community. Students can share information about themselves, though many have expressed interest in having more ways to showcase their campus involvement and achievements. The platform's basic profile system has laid a foundation, but students are seeking richer ways to connect with peers who share their academic pursuits.

The heart of Uni Hub lies in its community-driven approach. Students have naturally formed various interest-based communities, from academic study circles to hobby enthusiasts. However, as these communities have grown, students report difficulties in discovering groups that align with their interests. The platform's current search capabilities are limited, making it challenging for students to find their ideal communities among the growing number of options.

Event organisation has emerged as a crucial aspect of campus life on Uni Hub. Community leaders regularly coordinate activities, but they have reported constraints in managing these events effectively. Additionally, students have noted that they sometimes miss out on events because they can't easily find ones that match their interests among all the activities posted on the platform.

To create deeper engagement, Uni Hub introduced experimental features like online community spaces and campus-wide activities. These initiatives have shown potential, particularly when groups host virtual gatherings or organise creative competitions. However, both organisers and participants have requested more structured ways to manage and participate in these interactive experiences.

Communication across campus has also evolved on Uni Hub. Students regularly share updates about campus life, from academic announcements to social events. While this has created a vibrant information-sharing environment, students have expressed the need for better ways to navigate through the growing volume of posts and find relevant information quickly.

As Uni Hub looks to the future, the platform aims to address these challenges while maintaining its core mission of enriching campus life. The development team has been tasked with evolving the platform to meet these emerging needs while ensuring the solution remains intuitive and engaging for all users.

Test Cases

The following test cases may help to elicit the functional and non-functional requirements. These are only a set of sampled test cases and requirements. The complete product backlog will be much more beyond this list

User Registration and Profile Creation

- Verify that new students are able to register and create a profile with the required personal and involvement details.

Profile Update Functionality

- Verify that registered users can update their profile information and that the changes are correctly reflected.

Community Search

- Verify that the search functionality returns a list of interest-based communities based on user-specified keywords or categories.

Community Membership and Creation

- Verify that users can join existing communities and that authorised users can create new communities after providing the necessary details.

Event Management

- Verify that community leaders can create, modify, and cancel events with all required information such as title, description, date, time, and location or virtual link.

Event Search and Filtering

- Verify that users are able to locate events by applying various filters such as date, community, or event type.

Management of Online Community Spaces

- Verify that organisers can schedule and manage virtual sessions or interactive community spaces, and that participants are able to access these sessions using the provided details.

Post Creation and Navigation

- Verify that users can create posts related to campus updates and that the platform facilitates the navigation and filtering of these posts.

Data Validation

- Verify that all forms enforce appropriate data validation rules, and that invalid input is correctly handled.

Security and Privacy Controls

- Verify that unauthorised users are prevented from accessing restricted information and that appropriate permission levels are enforced.

Notification Functionality

- Verify that the system delivers notifications for events and community updates based on the user's subscription or preferences.