CS5.401 User Interaction and Usability of Digital Products

CampusLink

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Introduction

Our project aims to address the problem of poorly organized event updates received by students. Students often face difficulties in keeping track of events due to cluttered notifications and irrelevant updates, resulting in confusion and missed opportunities.

The lack of an effective system for organizing event updates presents a significant challenge for students in managing their time and participation in extracurricular activities.

Our motivation behind this project is to empower students with better control over their schedules and enhance their overall engagement with campus activities.

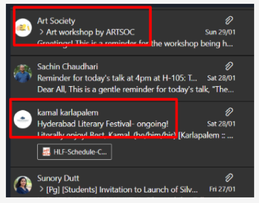
Research Methodology

Research Methodology that we have used in our project is Data collection through interviews and observation.We interviewed around 8-10 students.

A few questions that we included in the questionnaire to gather insights were :-
- How do you manage your deadlines and assignments?
- Do you get time for extracurricular activities?
- How do you currently find out about the upcoming events happening around the campus?

Research Insights :-
- Students miss out on many non academic events happening in the campus due to the lack of an organized channel for getting the updates.

Observation - Cluttered emails of a student with notifications of various kinds of events.



Problem Identified (Specific)

Our project aims to address the issue of event updates received by students via email that often lack proper organization.Through our research and observation, we have noted that email notifications for events can be overwhelming, disorganized, and challenging to navigate, leading to missed opportunities and confusion.

Problems with the current scenario are:
1. Email updates which are received are not user-friendly
2. Extracting important information from emails is a tedious job.
3. Event notifications are confusing because they are not properly organized.
4. The events are not properly organized into different sections.
5. There is no personalized sync between the student's class schedule and the events happening.
6. Students may miss out events and opportunities that they would have been interested in due to a lack of awareness or poor organization.

Requirements

Some of the requirements that we have gathered during research are :-
- Users should get alerts of only those kinds of events in which they are interested.
- Users should be able to know if an event is clashing with any of their lectures and if it is, then which lecture it is clashing with.
- Get updates of cultural and technical events happening in the campus at a single place in an arranged manner.
- Users should get alerts some time before the event is about to happen if they have registered in it. This alert time should be customizable.

Features

Our application include following features :-
- Listing all events that are happening in the campus.
- Allowing the user to register and unregister to any event.
- Filter events based on categories.
- Create an event.
- Provide custom notification and alerts to the user.
- Students can add their enrolled courses to their profile.
- Allowing the users to list down all the events which are clashing with the class schedule.

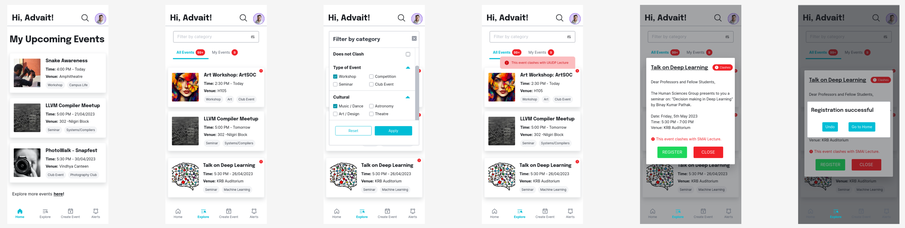
Wireframes for Use cases

Below are the two use cases of our project that can be used to solve problems :-

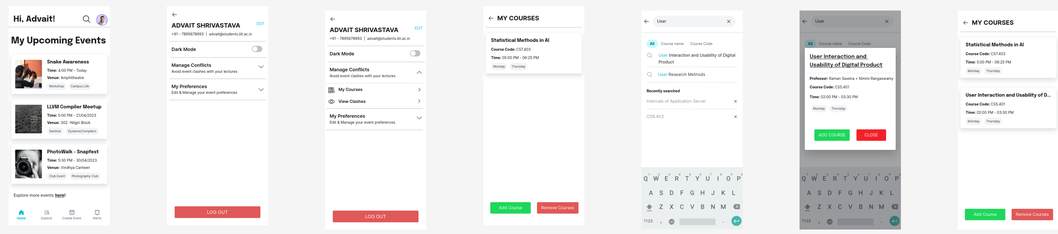
User story : Aditya, a first-year postgraduate student, wants to explore all the events happening around the campus and filter them according to his interests. This will facilitate his ability to easily identify and participate in events that align with his interests.

Use case scenario - List upcoming events under two categories- 'All events' and 'My events'. User can also apply filter and if interested, can register to any event.

Wireframes :-



User story : Aditya wants to be able to add his enrolled courses to the app so that he can be notified of any events that clash with his class timings.

Use case scenario - Add courses in profile to manage lecture conflicts with events.

Wireframes :-