Team Number: #12

Team Members:

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Project Title: UniVent

Problem Statement:

Students, especially new students, struggle to stay up-to-date on events, activities, and other various occasions happening on campus. Fragmented technologies such as BoilerLink, Facebook, Reddit, Unitime 4.2, etc. do not provide a comprehensive solution to increasing student involvement. However, our solution combines the ideas into a real-time, user-friendly application that handles posting, sharing, and matching events to users.

Project Objectives:

Mobile: The app will interact with users through the iOS platform. This is a mandatory aspect of this project since the average user interacts mostly with their phone.

Intuitive: Our application will be minimalistic and intuitive through the use of a user-friendly interface, simple tools, and better event synchronization.

User Collaboration System: Events in this app can be reviewed, tagged, rated, etc. by the user. By having the users involved in this process we acquire information that other users will care about, making the system community based.

Real-time Updates: Our app is based in real-time. Users are notified about events as they pass by or are posted.

Location Based: We use geo-location to present events relevant to where the user currently is.

Personalized: Users' schedules will be used to present events that they can fit between their classes. This personalized approach allows our app to be a utility rather than a distraction.

Stakeholders:

Students: They would be the primary beneficiary of the application because they would use the application to be more informed about what's happening around them.

Clubs/Event Organizers: Both of these entities could utilize the application to bring awareness about their events to potential attendees.

Project Deliverables:

User Location/Schedule & Location Specific Events: The application will make use of the user's geo-location and class schedule to pin-point various events based on their free-time and location. The events will be available for a certain period of time and will appear to anyone in the vicinity. Since we also have their location, this app can be used as a college navigation tool.

Post Events: The application should be able to give the users the ability to post events for other users to see. The application will construct the event and store it in a database to query for its location and identify if this event is suitable for students.

Push Notifications: The application will have permission to notify the user when he approaches or there is an event that might be of his interest nearby.

APIs: The main APIs the application would use are related to maps (Google Maps/Apple Maps) and Facebook API to get user information.

Database: The application will have a database that contain all the information needed to run the system. For example, there will be databases for all the users and their locations, schedules, interests, etc... There will also be databases that contain the events and their locations, categories, and all the information related to the events like the time the event is taking place.

Community Review: Be able to take the community review to eliminate fraudulent/inappropriate postings.