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Advisor: Professor Femister

Senior Design Definition

Client: Sorority and Fraternity chapter members

Issues with current management methods:

* Information is decentralized
* Lack of accountability with regards to event attendance
* Lack of communication about events between leadership and regular members
* Difficult to change access to incoming leadership

This issue is important because once it is solved chapter members will have easy access to all important chapter information, thus holding them accountable for all chapter affairs. Currently, chapter information is communicated via multiple forms, such as e-mail, Google calendar, Google docs, Excel spreadsheets etc. Time is wasted navigating these various resources when everything can be in one place.

Our proposed solution: This service would enable the leadership to efficiently manage the chapter by having important information in one central location. Our application will serve as a central hub for everything in the chapter including event management, member contact information, executive board details, and facility resources. With our application, chapter management would be simple and efficient for all members and administration.

Users: Each sorority and fraternity would have to subscribe to this service. Then all members of the chapter would automatically be enrolled in the service. Leadership of the organization would have administrative rights while general members would have restricted rights to the service. Administration will be able to manage members, events, and any other content. Members can sign up for events, view event details, and any other shared information.

Customer Requirements:

**Phase 1:**

Each chapter can subscribe to this service

Roster with contact information and positions

Profile page for each member

Role based access rights

Event information and sign up system

**Phase 2 (based on suggestions from our chapters):**

Links to each social media site

Menu for the week, as per the chef

Keeping track of event attendance based on sign-ups

We will execute Phase 1, and hope to accomplish some of the features in Phase 2.

Platforms:

**Phase 1**

Make sure this will run on a web browser on a desktop

**Phase 2**

Make sure this will run on a web browser on a mobile phone

**Phase 3**

Make sure this will run as an application on a phone using Phonegap (using data)

Technologies to be used:

HTML, CSS, JavaScript, Bootstrap, Node