PSU College of Engineering Student App

Overview
The College of Engineering wants to design an iOS/Android app that will provide current engineering students with information from the College, such as campus activity announcements, networking and career services opportunities, academic calendar deadlines, etc. However, this app must not only be designed around the communication needs of the College of Engineering. Instead, the app must also incorporate the preferences of undergraduate engineering students.

Objectives
The objective of this project is to research the informational needs of undergraduate engineering students and determine their preferences when receiving information from the College of Engineering. Additionally, the results of this research must be analyzed to design the layout and functionality of an iOS/Android-compatible app that will deliver the information to undergraduate engineering students.

Approach
- The team talked to the project’s sponsor about the types of information that the College of Engineering would like to provide to undergraduate engineering students.
- A survey was created to inform undergraduate engineering students about the app and let the students specify which type of information they want to receive.
- An online version of the survey was distributed via mass emails to undergraduate engineering students.
- Each team member also visited various engineering classes to distribute paper copies of the survey.
- All survey responses were stored in a database at ConstantContact.com, and this website also compiled diagrams which summarized the student’s preferences.
- A design for the app was created using a wireframe tool.

Outcomes
- The project’s sponsor now has a database of information detailing which type of information that undergraduate engineering students would like to receive from the College of Engineering.
- The project’s sponsor also now has an app design that can be used as a guideline to create the app in a future semester.