NEIU Companion

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Assignment 4

BUSINESS REQUIREMENTS
Background: Business Opportunity/Customer Needs
Northeastern Illinois University (NEIU), a Chicago public university with a student population of 8,000 plus, has contacted us in order to develop a mobile application named "NEIU Companion" that will service the student body. The currently unadvertised NEIU mobile application (app) needs a major upgrade, as it currently does not open due to the app's inability to download the university's network configuration. The current mobile app also uses technology that is currently not up-to-date, as the application was released in 2013. The goal for implementation would be slated for the start of the 2019-2020 academic year.

The NEIU Companion will provide convenient access to current services provided in multiple NEIU websites and brings them into one single app. The app will allow students to keep track of any books they have checked out, as well as allow mobile access to NEIUport to keep track of current and past class information. The application will allow students to sign in with their NEIU ID, creating a profile page that will show their current class schedule and grades from Desire2Learn (D2L). For added consideration, feature upgrades to the app will include services such as a calendar for school events and the Physical Education (PE) schedule and services. We believe that because of the application's ease of use, the school will maintain or improve the retention rate of students as they become more comfortable with university life.

VISION OF SOLUTION
Vision Statement
The NEIU Companion will be the single access point for multiple university related websites on smartphones. Though the initial implementation of the application will only include important information from certain websites such as NEIUport and D2L, the application will eventually be upgraded for students to become more integrated into the NEIU community.

Major Features
1) Check what books you have currently checked out from the library
2) Access NEIUport for past student information as well as make tuition payments
3) Profile page that shows current semester/ current classes
4) Keep track rented books from the school's book store
5) Access to PE schedule and services
6) Check what clubs are currently offered at NEIU
7) Implementation of a school event calendar
8) Make appointments for the NEIU Student Health Services
9) Implementation of a school map