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CS-319
Project Proposal

Proposal:

The currently unadvertised Northeastern Illinois University (NEIU) mobile application (app) needs a major upgrade, as it currently does not open correctly due to the app's inability to download the university's network configuration. Our new mobile app, title NEIU Companion, will reimagine the old application with new technological standards of 2019 by utilizing Java and SQL in order to provide a more efficient and user-friendly experiences to students.

Project Goal and Objective:

The NEIU Companion will provide easier access to current services provided in multiple websites that NEIU uses and brings them into one single app that will make it easier for students to keep track of their information. The application will allow students to keep track of any books they have checked out from the Library's website, 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 as well as current semester and grade from Desire2Learn (D2L).

Use Cases:

- Check what books you have currently checked out from the library
- Access NEIUport for information
- Profile page that shows current semester/ current classes
- Keep track rented books from the school's book store
- Make tuition payments
- Check what clubs are currently offered at NEIU