Abstract

This project creates a mobile web application called Jonsson Connect App. It is an app (available on iOS and Android) that shows news, jobs, and events to students/alumni of the Erik Jonsson School. We built this app using React Native for the front end, and Google’s Firebase as our back end. With React Native, we can utilize a single repository to build a rich user experience for both iOS and Android. We also built an administrative web application to manage data, view metrics, and interact with users via mailing lists. The web application was built using HTML, CSS, and JavaScript.

Results

Summary

This mobile app provides the following features:

- Users login within LinkedIn, thus removing the need to create a profile.
- The app displays news, jobs, and events that are related to the Erik Jonsson School.
- The administrator can manage the app’s content with a custom built web application.

Metrics

Our metrics are based on our completed requirements and cost. We finished 100% of our MVP core requirements. For our miscellaneous features, we did not finish the search, data filtering and notifications.

Total Project Cost - $90.00 USD

Impact

- The mobile application is the first app for the Erik Jonsson School of Engineering.
- The app will be able to connect students and alumni to their school like never before.
- Through the use of the app, users can show interest to events and an administrator can interact with those whom are interested; creating a unique interaction.
- Users can find jobs/internships through the app which they can directly apply to, making job hunting more convenient.
- This app provides the development framework to handle features not yet implemented for future development teams.