CSE 3311-001 Project Status Report
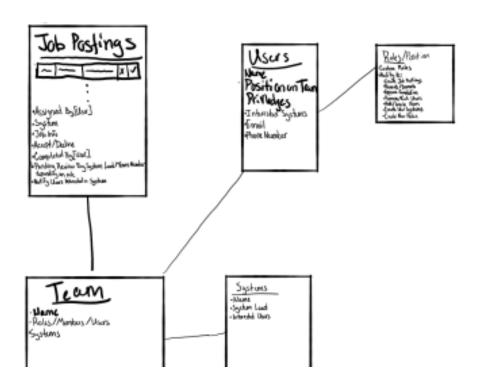
Group 7, January 24, 2022

Introduction

The idea we landed on is the Student Organization Management system. The system will encompass a "Job Board" for new people to engage and become more involved in the organization. This was a real solution brought forward for the Student Organization UTA Racing, where the students were unsure what to do during the day or how to become involved. To get involved and create new users, the student will scan a QR code and input their information which will include their name, email, number, and interested system(s) or the Admin/officer of the team will assign their role if they are a Team Member. The project will have users, and respective roles for each user that can assign and create Job Postings for their respective controlled system. Each system will have interested users that will be notified upon a new Job Postings. Later on this offers scalability to add-on multiple different features such as built-in SMS, Email notifications, Meeting Schedulers, and much more.

Technology

For the technology we will be using, this will be a web-based application. The application will be built using either React Native or Flutter. Flutter is an open source framework used to build beautiful and multi-platform applications from a single codebase. React native allows users to create natively rendered mobile applications for iOS and Android based on React, Facebook's JavaScript library. Along with these technologies we will use SQLite for our database needs. For development of the project, we are planning to use localhost to develop the application combined with Github so we can all collaborate on the project. Once complete, we will integrate the page

with the UTA Student Orgs that would like to integrate (i.e. UTA Racing Team). The integration process should be very simple, just adding the application as a page on the existing website. For the prototype of the project, our team will be using Figma to help design our User Interface Design and User Experience Design.

Seth Rodgers
Chance Huddleston
Lawrence Wong
Brian Truong
Johnny Nguyen