MICHIGAN STATE
U N I V E R S I T Y

Alpha Presentation
Internship Success App

The Capstone Experience

Team Humana

Nick Escote
Tia Fowlkes
Sayem Lincoln
Sara Seryani

Department of Computer Science and Engineering
Michigan State University

Fall 2020

Project Overview

- Application Functionalities - 2 types of users (Interns & Admins)
  - Login page
  - Profile page
  - Settings page
  - Goals List page – only for Interns
  - Calendar page
  - Events List page
  - Events page - Intern view vs. Admin view
  - Q&A page - Intern view vs. Admin view
- Technologies
  - Frontend - Adobe XD, React Native
  - Backend - React Native
  - Database Integration - Firebase
  - Testing - Expo.io

System Architecture

Profile page

Goals List page
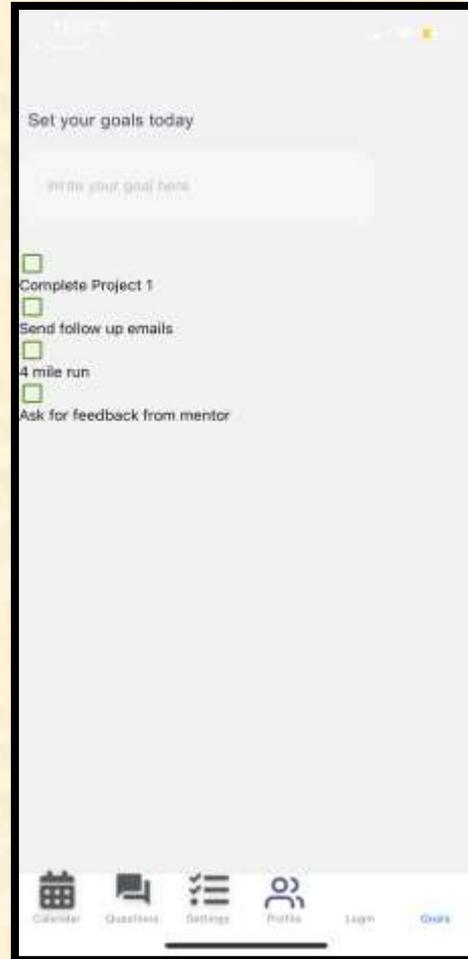
Calendar page
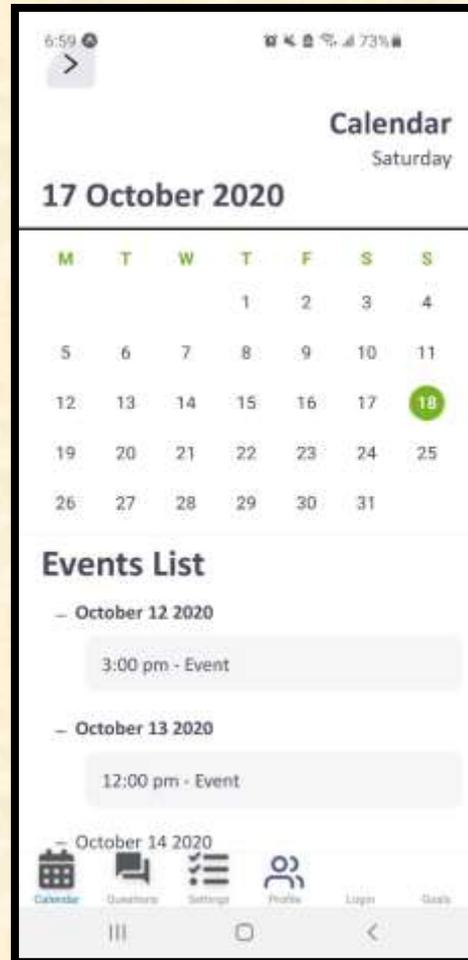
Events List page
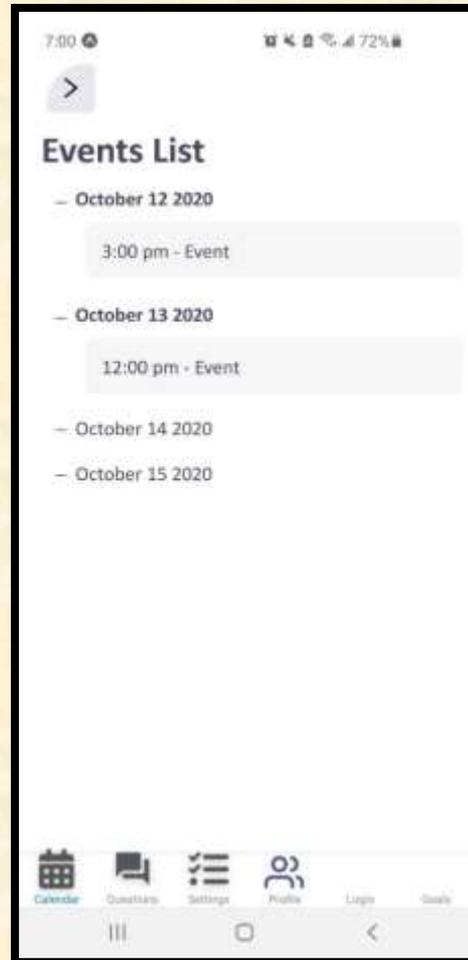
What's left to do?

- Events page - Intern view vs. Admin view
  - Brief details presented with a photo of the event.
  - RSS feed for event interaction.
- Q&A page - Intern view vs. Admin view
  - Interns can send in questions.
  - FAQs listed.
- Settings page
  - Change personal and contact information.
  - Houses controls for different types of notifications.

Risks

- Risk 1
  - Restricted from connecting employee database to app.
  - Mitigation: Using fake names to ensure proper log-in.
- Risk 2
  - Prevent sensitive data leak – authentication credentials, location, tokens.
  - Mitigation: Simulation with fake credentials and data to ensure no vital data leaks occur.
- Risk 3
  - Lack of accessibility for visually impaired users.
  - Mitigation: Use of third-party resources to verify app meets the needs of all types of users, regardless of their disability.
- Risk 4
  - Complicated UI.
  - Mitigation: Conducting test group for UI will provide a survey-based feedback on the UI, adjustments will be made according to the feedback.

Risks

Profile page
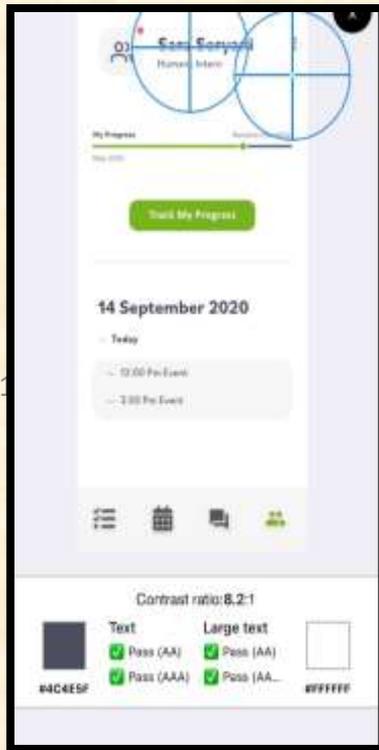
Calendar page

Settings page
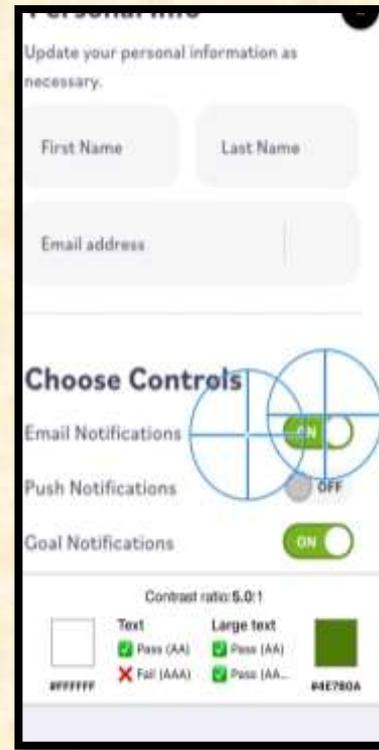
Login page

Source: Color Contrast App by Philip Strain (Approved by WCAG Guidelines)

Questions?