Alpha Presentation
Volunteer Tracking App

The Capstone Experience
Team SpartanNash

Abbott Wang
Antonino Candela
Denis Andreev
Aleksandar Bonev
Tianyi Li

Department of Computer Science and Engineering
Michigan State University
Spring 2018
Project Overview

• Allow associates to track their volunteer hours using a digitized form
• Encourage associates to maximize their volunteering efforts through badges and rewards
• Increase associate interaction through personal profiles, messages and a newsfeed
• Allow supervisors to monitor the system and share company progress with associates
System Architecture

Union API

Mobile Applications
- Android App
- IOS App

React-Native

Websites
- Web Form
- Admin Panel

Our API

File System

MySQL
Website Admin Panel
Newsfeed and Profile
Volunteer Tracking Form
What’s left to do?

• Implement various leaderboard charts to display company statistics
• Create a reward system for associates who reach the company goal
• Gamify user experience by adding badges and awards
• Reliability and scalability testing
Questions?