MICHIGAN STATE UNIVERSITY

Alpha Presentation Greenfields Labs SHARED Locker System

The Capstone Experience
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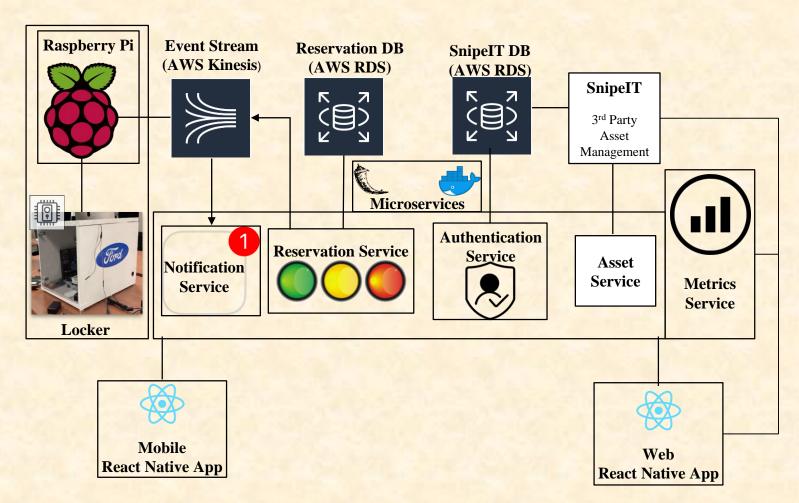
Department of Computer Science and Engineering
Michigan State University
Spring 2019



Project Overview

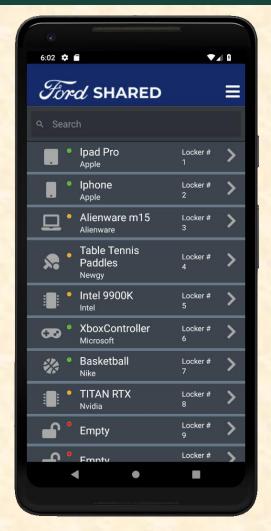
- Cross platform app Android/iOS/Web
- Check-in/check-out locker items
- RGB led status indicator
- Automated locker unlock
- Showcase items in locker
- Support for multiple lockers
- Admin metrics

System Architecture

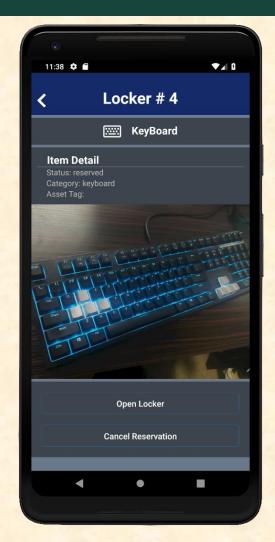


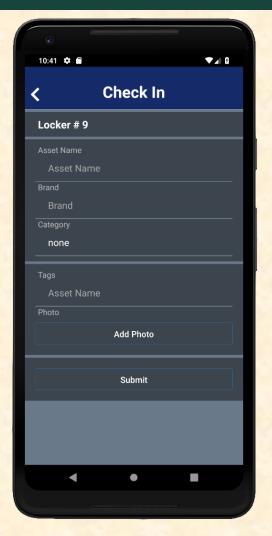
Mobile App Login and Menu



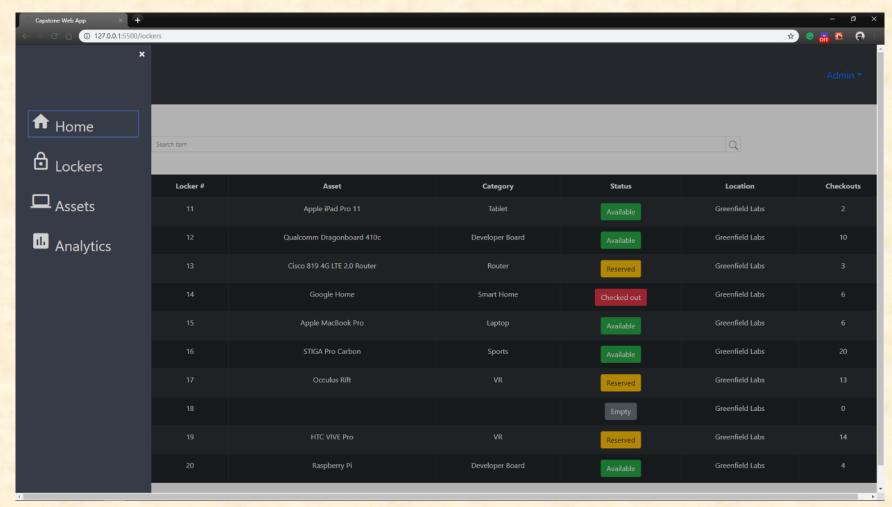


Mobile App Locker Info Page



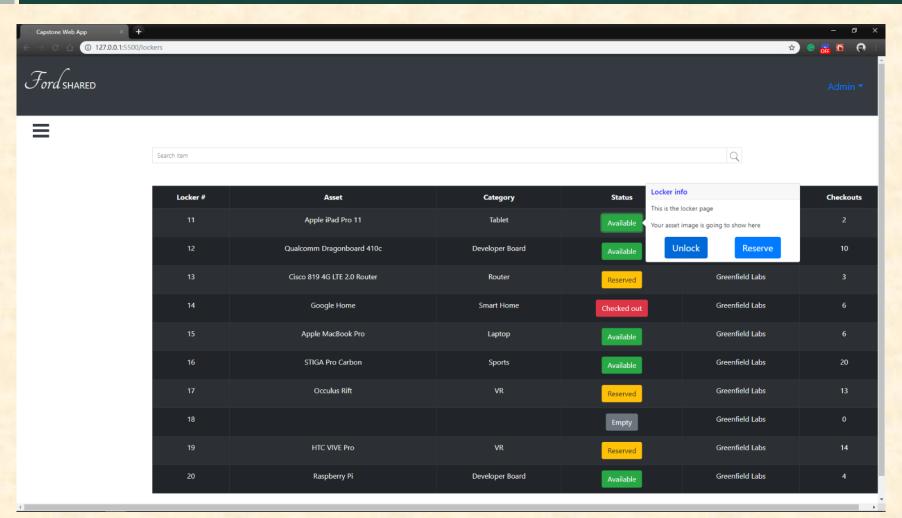


Web App Basic Dashboard





Web App Lockers Functionalities





What's left to do?

- Authentication Service
- Asset Service
- Notification Service
- Reservation Service
- Metrics Service

Questions?

