

Project Outcomes:

- An inventory tracking app that restaurants can use to track quantity of food, production date, shelf life, the time that foods sit there.
- A system that allows us to pull varied data for different reports
- An accounts-based access control system
- 2FA: two-factor authentication system
- TLS encryption for deployment

Learning Outcomes:

- Knowledge of web/mobile app development
- Knowledge of mobile-web interfacing
- Basics of web/mobile app security
- Working with and integrating databases

Primitive Project Outline:

Sprint 1: team formation, meetings setup, documentation, learning tech/tools, start product dev

Sprint 2: complete most of the product

Sprint 3: testing, wrapping up final product, documentation, and formal presentations

Tools

We'll create an IOS app and use Java as the back-end, Swift as the front-end, mySQL as the database.

Division of labor

Amrit:

Zijian:

Tucker: