

Team Project Presentation

CSC326-TP-202-4

Team 202-4

- Yavin Hamm
- Ryan Hinshaw
- Narim Lee
- Karthik Nandakumar
- Brandon Troy
- Jerry Zemble

Our project enables users to perform the following tasks:

- **Admin:** CRUD operations on staff, view and set tax rate
- **Barista:** Managing inventory, view order history and fulfill orders
- **Manager:** CRUD for items, viewing order history chart (can also do Barista tasks)
- **Customer:** Place orders, view their own order histories and pick up orders
- **Guest:** Same as Customer, but no account so order history can't transfer across devices

Contributions

- **Yavin Hamm:** order history staff, tax frontend, error/success message popup, helped debug backend
- **Ryan Hinshaw:** Backend Orders - Place, Fulfill, Pickup, Order History
- **Narim Lee:** backend design, Implemented anonymous login, tax
- **Karthik Nandakumar:** user and guest implementation and testing for CRUD functionalities, backend permissions
- **Brandon Troy:** frontend permissions, items and inventory, badges extra credit
- **Jerry Zemble:** users UI, order history customer view and pickup

Description of Team Process

Frontend Subteam

- Yavin Hamm
- Brandon Troy
- Jerry Zemble

Within each subteam, members are assigned feature-based tasks.

Frontend team inspects backend, backend inspects frontend

Backend Subteam

- Ryan Hinshaw
- Narim Lee
- Karthik Nandakumar

Each use case has 4 associated issues on GitHub: Backend design, Backend implementation, Frontend design, and Frontend Implementation

Each member assigned to issues depending on which tasks they are responsible for

Description of Team Process

During the lab: Inspections, troubleshooting, task assignments

Outside the lab: Working on assigned tasks, weekly team meetings

- Discussion was needed to ensure teams were on the same page about API endpoints sitting between the layers.
- Weekly meetings scheduled for Monday night via Discord call.
- Most communication through Discord chat, providing the opportunity to ask questions or provide feedback.
- Details about the inspections listed in Issues page
- Pull requests require reviews from the other team members before they can be merged

Description of Team Process

Lessons learned:

- Importance of time management and planning
- Feedback process
- Importance of communication when working with a larger team
- Importance of detailed and well-reviewed designs

Demo