

Individual Project

Week 4 Progress Report

Commit range:

ea536c131fec5af3a9ec602d849da213d0e70f24 → HEAD

Summary

This week focused on:

- Migrating server-side models & routes to **schema-driven validation** (`zod`)
- Renaming domain concepts **restaurant** → **business**
- Adding **address** and **allergen** support
- Removing legacy model wrappers
- Updating client UI components & routes to match new contracts

Key Outcomes

- Added typed **Zod schemas** for server validation
- Replaced legacy model objects with **schema-driven services**
- Renamed `restaurant` → `business` across client/server
- Added:
 - Address routes & services
 - Allergen routes + client-side `allergenCache`
 - Menu service improvements (`item_type`)
- Removed legacy **mongoose models** and old tests

New Files (Server)

- `server/src/schemas/Address.js`
- `server/src/schemas/Allergen.js`
- `server/src/schemas/BusinessUser.js`
- `server/src/schemas/Menu.js`
- `server/src/schemas/MenuItem.js`
- `server/src/schemas/Business.js`
- `server/src/schemas/index.js`

New Files (Server Continued)

- `server/src/routes/addressRoutes.js`
- `server/src/routes/allergenRoutes.js`
- `server/src/services/addressService.js`
- `server/src/services/menuService.js`
- `server/src/services/firestoreInit.js`
- `server/src/middleware/auth.js`

New Files (Client)

- `client/src/utils/allergenCache.js`
→ Client-side allergen label cache

Major File Modifications

Server

- Updated many routes under `server/src/routes/*`
→ Now use Zod schemas + refactored services
- Added `addressRoutes.js` and `allergenRoutes.js`
- Updated services:
 - `addressService.js`
 - `businessService.js`
 - `businessUserService.js`
 - `menuItemService.js`
 - `menuService.js`
- Added `firestoreInit.js`

Major File Modifications (Client)

- Updated components to use **business** naming:
 - `EditBusinessInfo`
 - `ChooseBusiness`
 - `SetUp`
 - `Step1`
- Updated menu-related components:
 - `MenuDashboard.jsx`
 - `MenuCard.jsx`
 - `MenuItemsPage.jsx`
 - `MenuItemSwap.jsx`
 - `MenuItemPanel.jsx`

Tests

Removed

- Legacy tests under `server/src/routes/*.test.js`

Needed next

- Unit tests for all `server/src/schemas/*`
- Unit tests for `server/src/services/*`
- Integration tests for:
 - `allergenRoutes`
 - `client/src/utils/allergenCache.js`

Rationale

Why these changes?

- **Schema-driven validation**
 - Centralizes validation, removes duplication, improves testability
- **Naming consistency**
 - `business` aligns domain language across client/server
- **Service-oriented architecture**
 - Removes legacy mongoose models, simplifies backend
- **Feature completeness**
 - Address + allergen support improves UX and client functionality

Files Touched (Concise)

Added

- `server/src/schemas/*`
- `server/src/routes/addressRoutes.js`
- `server/src/routes/allergenRoutes.js`
- `server/src/services/addressService.js`
- `server/src/services/firestoreInit.js`
- `server/src/services/menuService.js`
- `client/src/utils/allergenCache.js`
- `server/src/middleware/auth.js`

Files Touched (Concise)

Modified

- Many under `client/src/components/*`
- `client/src/App.jsx`
- `server/src/routes/*`
- `server/src/services/*`
- `docs/file-structure.txt`
- `server/package.json`

Removed

- `server/src/models/*`
- Legacy tests under `server/src/routes/*.test.js`

How to Run / Verify Locally

1. Install dependencies

```
npm install
```