

# Project Journal

Notes from Ranyi Zhang: we were originally working in our own repository and didn't realize we needed to commit to the assigned class repo until the last day. Also Sheetal had difficulty committing her frontend contents, so I had to commit the frontend content for her.

## Week 1 (Feb 26, 2025)

Focus: Data Modeling

- Created initial models for restaurants and users
- Implemented basic database migrations
- Established core data relationships
- Key files modified:
  - backend/restaurants/models.py
  - backend/users/models.py
  - backend/restaurants/migrations/
  - backend/users/migrations/

## Week 2 (Mar 5, 2025)

Focus: Core API Development

- Implemented basic CRUD operations for restaurants and users
- Set up authentication system
- Created serializers for data transformation
- Key files modified:
  - backend/restaurants/views.py (v2)
  - backend/restaurants/serializers.py
  - backend/users/views.py (v2)
  - backend/users/serializers.py

## **Week 3 (Mar 12, 2025)**

Focus: Enhanced API Features

- Added admin/manager specific endpoints
- Implemented restaurant filtering and search
- Enhanced user management features
- Key files modified:
  - backend/restaurants/views.py (v3)
  - backend/restaurants/filters.py
  - backend/users/views.py (v3)

## **Week 4 (Mar 19, 2025)**

Focus: System Integration

- Integrated notification system (Twilio)
- Prepared deployment configurations
- Key files modified:
  - backend/booktable/settings.py (v4)
  - backend/booktable/production\_settings.py

## **Week 5 (Mar 26, 2025)**

Focus: Dashboard Development

- Implemented admin dashboard
- Added manager dashboard features
- Enhanced data analytics
- Key files modified:
  - backend/restaurants/views.py (v5)
  - backend/users/views.py (v5)

## **Week 6 (Apr 2, 2025)**

Focus: Testing

- Added backend tests for restaurants
- Added backend tests for users
- Created test scripts
- Key files modified:
  - backend/restaurants/tests.py
  - backend/users/tests.py
  - backend/test\_scripts/

## **Week 7 (Apr 9, 2025)**

Focus: Deployment Preparation

- Configured static file handling
- Updated deployment settings
- Enhanced security configurations
- Key files modified:
  - backend/booktable/settings.py (v7)
  - backend/booktable/production\_settings.py

## **Week 8 (Apr 16, 2025)**

Focus: AWS Deployment

- Deployed backend to AWS
- Verified all endpoints
- Final configuration adjustments
- Key files modified:
  - backend/booktable/settings.py
  - backend/restaurants/views.py
  - backend/users/views.py