Week 2 Progress Report

(9/15/2025 - 9/21/2025)

NomNom Safe

- Anna Dinius

Milestones Completed

✅ Design and set up OOP database with data

✅ Define `Restaurant` class

✅ Develop a minimal, functional UI for allergen input and restaurant list

Carryover Items

- Write unit tests for calls to the database

Surplus Delivery

- Defined `Allergen` class
- Defined `Address` class
- Defined `Menu` class
- Defined `MenuItem` class
- Created reusable AI prompt to generate sample data
- Created JS script to upload JSON data to FireStore DB

LoC Summary

- **Total**: 416

- **Counting rules**: Excludes empty lines and comment-only lines. Inline comments on code lines are still counted.

- **Files scanned**: All files under `lib` and its subdirectories.

- **Breakdown**:
    - `lib/main.dart` : 23 lines
    - `lib/firebase_options.dart` : 74 lines
    - `lib/services/allergen_service.dart` : 16 lines
    - `lib/screens/home_screen.dart` : 82 lines
    - `lib/widgets/restaurant_card.dart` : 40 lines
    - `lib/widgets/allergen_filter.dart` : 41 lines
    - `lib/models/entities/allergen.dart` : 24 lines
    - `lib/models/entities/address.dart` : 29 lines
    - `lib/models/entities/menu.dart` : 9 lines
    - `lib/models/entities/menu_item.dart` : 29 lines
    - `lib/models/entities/restaurant.dart` : 49 lines

🔥 Burndown rate

- 3/4 Week 2 milestones completed
  - 75% per week
  - ~11% per day
- 3/16 Sprint 1 milestones completed
  - ~19% per week
  - ~3% per day

Changes

- Initial AI choice: assisted (#2)

- Changed to: combination of assisted (#2) and vibe (#3)

How I Work With AI

- Use AI to generate one small piece of the app at a time
  - e.g. a widget, a screen, a function
- Examine the AI's code
- Use AI to explain pieces of code I don't understand
- Place the AI's code into my project
- Test the code to make sure it worked
- Copy & paste errors into AI (as needed) to debug
- Use AI to ensure I understand why the errors occurred & why the fix worked