# Week 8 Progress Report

## (11/3/2025 - 11/9/2025)

*NomNom Safe*

- Anna Dinius

# Week 8 Milestones Completed (4/4)

✅ Epic requirement: filter menu feature

- ✅ Defined filterable attributes
  - *Fulfills sub requirement 3.1*
- ✅ Implemented client-side filtering with real-time updates
  - *Fulfills sub requirement 3.2*
- ✅ Validated filter combinations and fallback behavior
  - *Fulfills sub requirement 3.3*

# LoC Summary

- **Total**: 2,095
- **Counting rules**: Excludes empty lines and comment-only lines. Inline comments on code lines are still counted.
- **Files scanned**: All files under `lib` and `test` and their subdirectories.

- **Breakdown** (top-level files, models, & screens):
  - `lib\firebase_options.dart` : 70
  - `lib\main.dart` : 43
  - `lib\models\address.dart` : 32
  - `lib\models\allergen.dart` : 9
  - `lib\models\menu.dart` : 22
  - `lib\models\menu_item.dart` : 34
  - `lib\models\restaurant.dart` : 58
  - `lib\screens\home_screen.dart` : 165
  - `lib\screens\menu_screen.dart` : 240
  - `lib\screens\restaurant_screen.dart` : 124

- **Breakdown** (services, theme, & utils):
  - `lib\services\address_service.dart` : 21
  - `lib\services\allergen_service.dart` : 44
  - `lib\services\menu_service.dart` : 38
  - `lib\services\restaurant_service.dart` : 58
  - `lib\theme\nomnom_theme.dart` : 23
  - `lib\theme\theme_constants.dart` : 13
  - `lib\utils\allergen_utils.dart` : 18
  - `lib\utils\restaurant_utils.dart` : 15

- **Breakdown** (widgets):
    - `lib\widgets\allergen_chip.dart` : 25
    - `lib\widgets\allergen_filter.dart` : 70
    - `lib\widgets\filter.dart` : 110
    - `lib\widgets\nomnom_safe_appbar.dart` : 12
    - `lib\widgets\restaurant_card.dart` : 85
    - `lib\widgets\restaurant_link.dart` : 60

- **Breakdown** (tests: smoke, models, & services):
  - `test\main_smoke_test.dart` : 10
  - `test\models\address_model_test.dart` : 16
  - `test\models\allergen_model_test.dart` : 10
  - `test\models\menu_item_model_test.dart` : 46
  - `test\models\menu_model_test.dart` : 11
  - `test\models\restaurant_model_test.dart` : 21
  - `test\services\address_service_test.dart` : 42
  - `test\services\allergen_service_test.dart` : 55
  - `test\services\restaurant_service_test.dart` : 135

- **Breakdown** (tests: utils & widgets):
  - `test\utils\allergen_utils_test.dart` : 22
  - `test\utils\restaurant_utils_test.dart` : 148
  - `test\widgets\allergen_chip_widget_test.dart` : 26
  - `test\widgets\allergen_filter_widget_test.dart` : 31
  - `test\widgets\filter_widget_test.dart` : 69
  - `test\widgets\nomnom_safe_appbar_widget_test.dart` : 17
  - `test\widgets\restaurant_card_widget_test.dart` : 26
  - `test\widgets\restaurant_link_widget_test.dart` : 21

## 🔥 Burndown rates

- 4/4 week 8 *milestones/requirements* completed
  - 100% total
  - ~14% per day

- 3/5 sprint 2 *epic requirements* completed
  - 60% total
  - 20% per week
  - ~7% per day
- 9/15 sprint 2 *sub requirements* completed
  - 60% total
  - 20% per week
  - ~7% per day
- 12/20 sprint 2 *total requirements* completed
  - 60% total
  - 20% per week
  - ~7% per day