

Sprint 3 Report

What's New (User Facing)

- * Feature 1 or Bug Fix 1

Feature 1: Add a business page in our application. Now you can create different businesses there. Every business has their own inventory.

Feature 2: Add a join business page in our application. You can't see those businesses which you don't join or create.

- * Feature 3: Improve every page UI. Change the color of every page, make this application more beautiful than before.

- * Bug Fix 1: Fix the bug that user couldn't delete business successfully.

Work Summary (Developer Facing)

In this sprint, we made a major change to the application. The previous application could only display one inventory, and now the application can add different businesses to display different inventories. We added a business class with a unique ID and the creator's ID to ensure that other people can join the business and that only the creator has the right to modify the data. For the creator's right to modify the data, my initial idea was to create two different pages, creator and joiner. However, after discussion, I found that it can actually be implemented in one page using if-else. This greatly reduced the length of the code and thus reduced the memory space occupied by the application.

Unfinished Work

We were able to create a fully functional application. We did not start any aspects of the project we couldn't finish. However, there are a few supplemental tasks we would like to integrate in the future. We will implement a report page that can show items close to being out of stock or expired. We would also like to implement a financial application that coincides with this application that tracks the costs and revenue of the restaurant and updates the inventory quantities as sales are made.

Completed Issues/User Stories

Here are links to the issues that we completed in this sprint:

- * <https://github.com/amrit-banga/Restaurant-Managament-Application/issues/31>
- * <https://github.com/amrit-banga/Restaurant-Managament-Application/issues/30>
- * <https://github.com/amrit-banga/Restaurant-Managament-Application/issues/29>
- * <https://github.com/amrit-banga/Restaurant-Managament-Application/issues/28>

Incomplete Issues/User Stories

We were able to complete all issues in our project.

Code Files for Review

Please review the following code files, which were actively developed during this sprint, for quality:

- * AddBusinessView.swift
- * Business.swift
- * ContentView.swift
- * CreateAccountView.swift
- * EditBusinessView.swift
- * HomePageView.swift
- * InventoryView.swift
- * JoinBusinessView.swift
- * LoginView.swift

Retrospective Summary

Here's what went well:

- * Completing all issues
- * Separation of tasks
- * Meeting regularly