

The Royal Story

In the grand halls of the Royal Donut Kitchen, each morning brings a parade of new confections fit for nobility. Your task is to build the kitchen's behind-the-scenes "Menu Manager"—a single-page web app where the Head Chef can view, sort, remove, and add donut varieties on the fly.

The Assignment

Create a standalone, single-page application (no page reloads) that talks to a Supabase backend. Follow the provided "Royal Donut Kitchen" design as your blueprint. The app should:

- Display the full menu of donuts
- Allow toggling sort order (A ↔ Z by name, 1 ↔ 5 by seal of approval)
- Let you delete a flavor (it disappears permanently)
- Let you add a new flavor—or cancel the addition and revert to the previous list

You may choose to use plain JS (fetch or Axios) or any framework you like.

Functionality

Supabase Setup

- **CRUD:** Implement create, read, update (if desired), and delete via Edge Functions
- **Seed Data:** Use the provided CSV to populate your Donuts table
- **API Routes:** Add Edge Functions for /retrieve-donuts, /create-donut, /delete-donut
- **RLS:** Disable Row-Level Security (or leave off for this exercise)

Git Workflow

- Create a public GitHub repo for the project
- Commit often with clear, descriptive messages
- Push your work so it's reviewable at any moment

Core Functionality

- Fetch and render menu items by calling your Supabase functions
- Implement sort toggles (ascending/descending) in-memory or via query params
- Wire up delete buttons and the “Add Donut” modal form
- On save, POST to create-donut; on cancel, simply close/reset without mutating state

Design Guidelines

- Base your layout on the supplied mockup (header, feature panel, card-style list, modal)
- You’re free to pick colors, typography, and any missing design details
- Build reusable “card” components for each donut entry

Optional Enhancements

- Success and error feedback (e.g. SweetAlert2 or simple alert())
- Smooth CSS transitions on card insertions/removals
- Add thumbnail images for each donut (static placeholders are fine)