

## **1. Dashboard (Authentication Page)**

- Purpose: Acts as the entry point for users to log in.
- Authentication: Uses Clerk for secure and seamless authentication.
- Flow:
  - Upon visiting the dashboard, users are prompted to log in or sign up.
  - Once authenticated, they are automatically redirected to the Ingredients Inventory Page.

## **2. Ingredients Inventory Page**

- Purpose: Allows users to manage ingredients from their pantry.
- Key Features:
  - Add Ingredients: Users can add ingredients and specify expiration dates.
  - Filter System: View ingredients by freshness:
    - Fresh
    - Close to Expiring
    - Expired
  - Smart Disposal:
    - Users can click a garbage icon on an ingredient.
    - The app will suggest disposal methods (e.g., composting, recycling, or local drop-offs).

## **3. Recipe Page**

- Purpose: Enables users to discover and explore recipes in two ways.
- Tabs:
  - Search Tab:
    - Search for any recipe by name or keyword.
  - Filtered Recipes Tab:
    - Automatically filters and displays recipes based on the ingredients currently available in the user's pantry.
    - Helps reduce waste by encouraging the use of existing items.

## **4. Donation Page**

- Purpose: Helps users donate unused food to local food banks.
- Location-Based Services:
  - Uses the user's current location.
  - Displays and pins the 10 nearest food banks on a map.
  - Encourages socially responsible actions by promoting food donation over disposal.