

Organic Store Flutter App Documentation

1. Introduction

Objective: Develop an organic store application to showcase products with categories, detailed views, and seamless navigation.

Key Technologies:

- Flutter SDK
- Provider (for state management)
- Navigator (for screen routing)

2. Core Functionality

Product Display

Features:

- View a list of organic products with attributes: name, price, category, description, and image.
- Filter products by category (e.g., Fruits, Vegetables, Dairy).
- View detailed information for each product, including nutritional facts and origin.

3. State Management

- Provider Package: Centralized state management

4. Navigation

Screens

1. **HomeScreen:** Displays product categories and a grid of products.
2. **ProductDetailScreen:** Shows product details, including image gallery and "Add to Cart" button.

