

Almutasaweq Catalog Documentation Plan

Introduction

- App Name: Almutasaweq Catalog
- Description:

Almutasaweq Catalog is a B2B mobile application that enables distributors to showcase products digitally without carrying physical samples. It provides an organized product catalog with images, prices, and barcodes, helping distributors present items efficiently to business owners.

- Target Users:

Distributors, who will use the app to showcase products to business owners and clients.

Features

1. Digital Product Catalog:

Displays product images, item numbers, and prices for easy browsing.

2. Search & Filter Options:

Search Functionality: A search bar allows users to search for products across multiple levels of the catalog.

Filters: Filters will refine product lists based on specific criteria (e.g., price, category).

3. Pagination:

Pagination for easy navigation through large sets of products.

4. Inquiry System:

An inquiry feature allows distributors to submit questions or requests for more details about products.

Technology Stack

- Frontend:

React Native (Expo)

State Management: Redux Toolkit | Context API

Local Storage: AsyncStorage

- Backend:

ASP.NET Core

- Database:
SQL Server

App Structure

1. Splash Screen:

Displays the app's logo briefly while the app loads.

2. Main Screen (Home Screen):

Displays top-level product categories (Level 1).

Pagination: Allows navigation through large product sets.

3. Search Bar (Global Search):

The search bar should be accessible from the home screen and be available globally. It allows the distributor to search for products by name, barcode.

The search functionality can be used to search for products regardless of where the distributor is within the app.

4. Category Screens:

Level 1 (Group): Main product categories.

Level 2 (SubOne)

Level 3 (SubTwo)

Level 4 (SubThree)

Level 5 (Items): Products are displayed at the item level.

5. Item Display:

Products are displayed at Level 3 or Level 4 depending on the category structure. These include product images, price, and barcode.

6. Filters:

Filters help refine search results and make it easier for distributors to find products based on attributes like price, category, etc.

Conclusion

The app simplifies product showcasing for distributors by offering a structured catalog, search, and filtering options. With an intuitive interface and seamless navigation, it enhances efficiency and convenience in business interactions.