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DeliverIt

Description

Problem : Local shop or some Distributors directly distribute Water Bottles(20L, 40L)and various other products, to user at their HOME.Where user had to either go to shop or call the distributor.
App : DeliverIt is the App which make their work easy by just 1 click order. User just have to open app, Select distributor, select products and place order.App contents only products that can be delivered.

Intended User

Everyone, who are new in area and don't know nearby shops.The permanent customers of Shops/Distributors.

Features

List the main features:

- Save User Login Info.
- Search Products with various filters.
- Compare pricing and select distributor/shop.
- Place Order/ Share Order
- App Widget : Showing Fav products + Add to Cart Option.

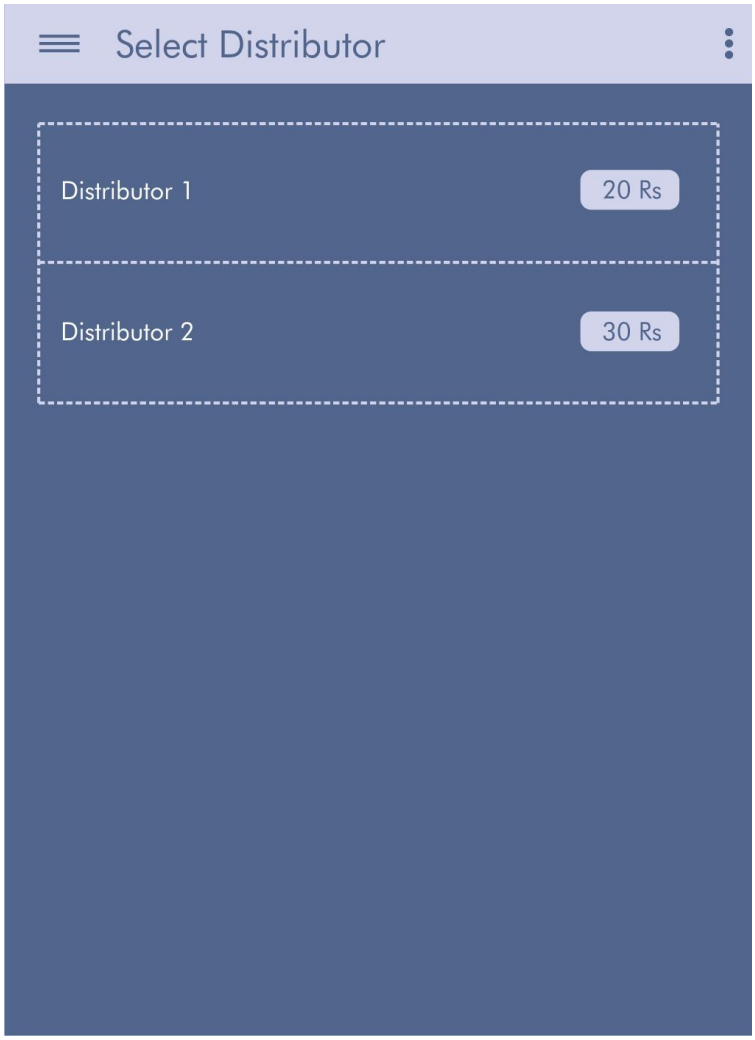
User Interface Mocks

These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.

Screen 1

This is the main List of Products. The user can view the Product image and descriptions based on the search options.

Screen 2

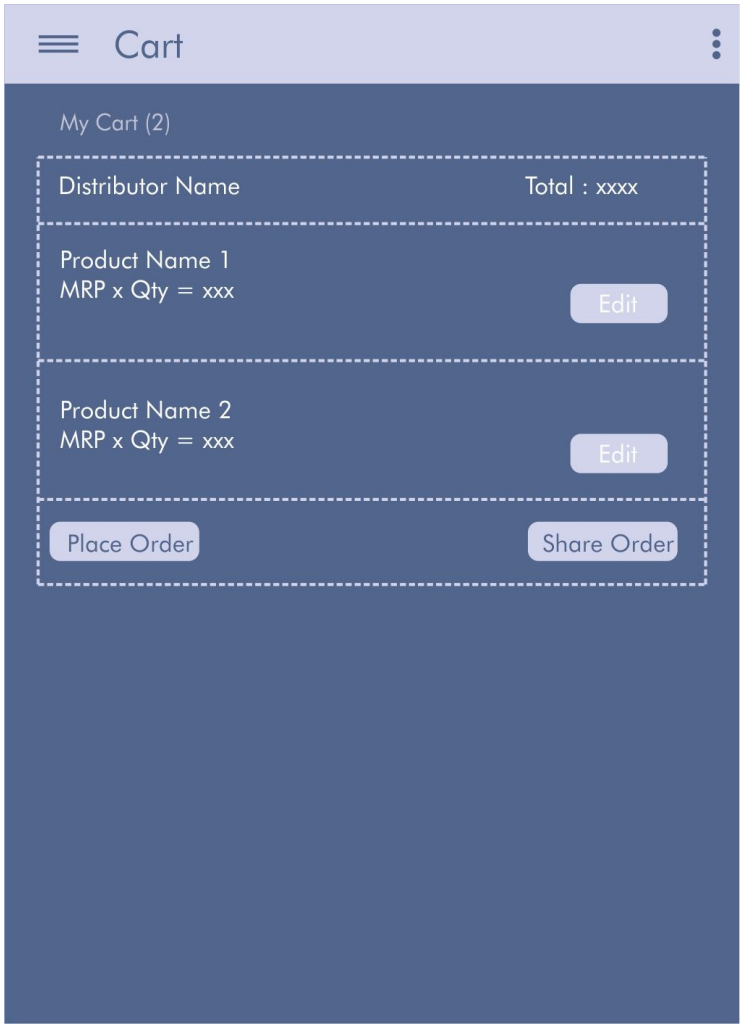


Select Distributor - show MRP of distributor

Screen 3

Add to Cart by adding quantity.

Screen 4



This is Cart Activity UI, Its arranged with multiple distributor wise.
Order History will be in menu list of cart.

Key Considerations

How will your app handle data persistence?

I have create Node server Environment, Where DATA will be stored in MongoDB and Data will flow using Node Js API. Whereas Favourite Products will be stored using sharedpreferences.

Describe any corner cases in the UX.

App as Sequence Flow. Select Product -> Select Distributor -> Add to Cart -> Place Order.
In case app is closed, It will restart the Flow.

Describe any libraries you'll be using and share your reasoning for including them.

Butterknife for cleaner UI
Volley will be used to easy maintain the API calls
Picasso might be used to load image from URL

Describe how you will implement Google Play Services.

Set Current Location of Distributor/User using FusedLocationProviderApi

Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and decompose them into tangible technical tasks that you can complete incrementally until you have a finished app.

Task 1: Project Setup

● if Cloned from github, compile project , Run it.
● If starting from scratch:
1. Create Android Studio template project using empty activity
2. Add library dependencies to app module build.gradle file:
- Butterknife
- Volley
- Picasso

Task 2: Implement UI for Each Activity and Fragment

- Build UI for LoginActivity and SignupActivity
- Build UI for ProfileActivity
- Build UI for ListProductsFragment
- Build UI for CartActivity
- Build UI for OrderHistoryActivity
- Build UI for OrderDetailsActivity

Task 3: Implement Login and SignUp Activity

Task 4: Implement ListProducts Activity

Task 5: Implement CartActivity

Task 6: Implement PlaceOrder, OrderHistory, OrderDetails.

Task 7: Implement Widget with fav Products + add to cart Option.
