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## Grocery shopping cart app

### Description

This is a ecommerce app to do the grocery shopping . A grocery store can host this app for their customers to do online shopping . This app display the available item at the grocery store with item details. Customers can select the item and add it to the shopping cart , check out and do the payment . Also customers can add item to the wish list for later purchase .

### Intended User

Families and Individuals who wants to do the grocery

# Features

- 1) Browse Product by Category
- 2) Home Screen Banner Ads
- 3) Product review and Image Gallery.
- 4) Add/ Delete Product from wish list.
- 5) Add / Edit / Delete Product from Cart.
- 6) Support all Payment modes - Debit card, Credit card, Internet banking, wallet pay, BHIM
- 7)SMS notification & Order History.
- 8) Payment gateway integration (optional)

## User Interface Mocks

### Screen 1

Login Activity

User Name

Password

Login

Forgot Password

or

Signup here

Login activity exiting user can login to the system and the new user has to sign up and register

### Screen 2

Add

Product 1 image and Price	Product 1 image and Price
Product 1 image and Price	Product 1 image and Price
Product 1 image and Price	Product 1 image and Price
Product 1 image and Price	Product 1 image and Price

Once the user log into the app it taketo the product list activity . Here user can preview the products

### Screen 3

Deatail Activity

Product Image

Price

In Stock

Description

Qty

Add to cart image

Add to wish list mage

This screen shows the description of the product Price and in stock . User can select the quantity and add to cart or wish list here

### Screen 4

Shopping cart activity

Product	Qty	Price
Pr1	1	\$
Pr2	2	\$
Pr3	2	\$
Pr4	2	\$

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Sub total	\$
Shipping	\$
Total	\$

Place order

This is the cart activity shows no of items in the cart and quantity and price and the place order button.

## Screen 5

choose your payment method

Credit card  
Paypal

Continue

once you place the order you can select the payment method here

## Screen 6

Thank you for shopping with us

Continue shopping

This activity take you to the main activity

## Screen 7

Product	Price
Pr1	\$
Pr2	\$
Pr3	\$
Pr4	\$

This activity shows your favorite list of product

## Screen 8

Product	Price
Pr1	\$
Pr2	\$
Pr3	\$
Pr4	\$

This activity shows the widget of the favorite list

## Key Considerations

How will your app handle data persistence?

This app will save all the favorite product using content provider in local SQLite and display and display it on favorite app widget. Server side database I am using here is Mysql Database

### **Describe any edge or corner cases in the UX.**

When the app can not fetch the image from server it will show the place holder image with n image found

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

I am using the retrofit here to fetch data server . I am AsyncTask only for the for user login to the system

Retrofit:2.4.0'  
converter-gson:2.4.0'  
Recyclerview-v7:28.0.0'  
Support:design:28.0.0'  
Support:cardview-v7:28.0.0'  
Glide 4.7.1

### **Describe how you will implement Google Play Services or other external services.**

Firebase will be used for push notification.

### **Core Platform Development**

App keeps all strings in a string.xml

### **Next Steps: Required Tasks**

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

App is written in the Java Programming Language The back end created using MYSQL and PHP

#### **Task 1: Project Setup**

- Configure libraries

#### **Task 2: USER LOGIN & SIGNUP**

- Create user registration API PHP
- Login ui and activity
- Create e commerce data base and login table
- Create forgot password Activity
- Create forgot password PHP API
- User change password

Task 4: Built the product preview activity

- create main home screen activity of ecommerce App
- ecommerce database design Android , PHP, MYSQL

**Task 5: Built Product detail activity**

**Task 5: Built the cart activity, place order and wish list activity**

**Task 6: Create and built use account and order history**

**Task 7 : Integrating payment gateway is optional**