**CHAPTER 1**

**INTRODUCTION**

**1.1 NEED OF DAIRY MANAGEMENT**

Dairy services will help the customers to get any kind of milk products at their door steps with ease. Our software is packed with many features like Brimming with numerous user-friendly features like inventory & billing management, customer records, drop-off confirmations etc. our Dairy Services software solution gives you the freedom to customize your operations and allows your client to schedule as per their requirements. Customer can instantly access your customer’s full profile, their area, order & payment history & recurring orders for a desired tenure.

Each product can be customized with a myriad of settings that help you control user behavior- from “recurring only” to pre-ordered products. We have tie-ups with all the major gateway providers. Bill your clients- before/after delivery, after cut-off time, once a week on Fridays or monthly. Creating multiple routes as per your need and let our system automatically assign customers to those routes. Visualize your route stops & suggest the best routes. You can also efficiently track and fulfill all your client orders along with the maintenance of client data, location and history. And Keeping the flow of information to and from your Client or a group crystal clear to ensure smooth delivery transactions. We give you a hassle-free and convenient delivery system right at your doorstep. Automate your online milk delivery operation & let your client customize a schedule according to their needs and also we have added a lot of milk items such as cheese, yogurt, butter, curd, paneer etc.

**Producer Institution Building:**The PIB function helps to create, support and strengthen Milk Producer Companies which are responsive to the economic expectations and social wellbeing of their members by catalyzing the process of institution building measures encompassing capacity building of the present & prospective stakeholders & implementing effective governance practices in the Milk Producer Companies

**Dairy Value Chain**: The DVC function is involved with the three important business functions of a milk producer company i.e. procurement, processing & marketing of milk and milk products. The team works closely with the Producer Companies in defining and establishing strong value chain systems and processes. This value creation encourages dairy enterprises to thrive and, in turn, improve livelihoods of milk producing farmers and nutrition for the end consumer.

**Productivity Enhancement Services**: The PES function aims to increase productivity of the dairy animals in the country by adopting a holistic approach to animal management. To achieve this objective, the PES group supports the implementation of the following activities- Semen Station management, Animal Breeding services, Animal Nutrition services, and Diary farm management services.

**Quality Assurance**: The QA team has expertise in implementing quality systems, strengthening hygienic infrastructure, monitoring product quality and similar other processes and methods for ensuring quality of raw milk & milk products. The QA team also guides the Producer Companies on Food Safety and Standards regulations and Good Manufacturing Practices (GMP).

**Business Excellence**: The BE team is involved in supporting the Producer Companies in standardization & redesign of key processes through adoption of Standard Operating Procedures (SOP) to achieve improvements in performance and efficiency.

**Information Technology**: The IT team provided guidance to the Producer Companies in formulating their IT and Communication strategies. The IT team also supports the Producer Company in setting up IT related infrastructure, software applications, designing and implementing an effective IT and communication network.

**Legal & Company Secretary**: Assists the Producer Companies in obtaining various statutory & regulatory registrations, licenses, approvals, clearance etc. Required for their operationalization as well for its smooth functioning. Also assists Milk Producer Companies in implementing the process & systems to have good governance.

**Human Resource & Training**: Assist the Milk Producer Companies in recruiting the best talent at senior level position and help in developing training modules on leadership, competency development.

**1.2 OBJECTIVE OF DAIRY MILK MANAGEMENT SYSTEM**

The main objective of this application is to automate the complete operations of the Milk Distributor Office. They need maintain hundreds of thousands of records. Also searching should be very faster so they can find required details instantly. Dairy Management System which has been developed using “Android Studio” and it can be used on android platform and to enhance the project Firebase database is also used in it. The project can be implemented online and can be deployed in the market.  
  
**1.3 SCOPE OF DAIRY MILK MANAGEMENT SYSTEM**

This application is built such a way that it should suits for all type of Milk Distributors in future. So every effort is taken to implement this project in this Milk Distributor Office, on successful implementation in this Milk Distributor Office, we can target other Milk Distributors in the city. Milk Dairy Management System Project Codes and Scripts Downloads Free. Pre Business Management System is consists of complete Customer Relationship Management System. Milk dairy management system project is a software application useful for dairy forms for managing daily activities like receiving of milk from various sources.

Businesses come in different sizes and scales and management of business inventory and supply chain is something that contributes to the business. Currently, ERP and CRM packages deploy a great deal of application frameworks that get the best out of the available market. Product lines like Salesforce, Sugar CRM, etc. have shown to contribute to the business trends analysis. But the way these products operate and the cost of operation/licensing these products is very high and can be afforded by major businesses with an operating income of million dollars. The current systems deploy statistical analysis of the product supply and profits per unit. The analysis is supposed to have historical data so as to analyze any risk. The system is intended for analysis and prediction of sales in the dairy products distribution system. The Supply Chain Management system includes Manufacturer-Distributor-Retailer Customer. With this scheme, the business relationship in a supply chain management system is digitalizing for the purpose of order placement and delivery. The work aims to reduce the manual workforce required to collect and process the orders from all the various retailers and to cover all the interpersonal communication

**1.4 UNDERSTANDING THE DAIRY PROCESS**

Diary Food Product System In the diary food system, aims to reduce the manual workforces necessary to collect and process the orders from all the various retailers and to cover all the personal communication between retailer-distributor manufacturers. This approach digitalizes the Manufacturer-Distributor Retailer business relationship for the purpose of order placement and delivery. Shift Summary and Daily collection reports can be viewed on mobile app. The mobile app also can be used to record transactions such as issue to record local sales. Dairy food product application shows you a price Catalog of the products (eg: milk, curd, butter, paneer, gova, etc.) And then shows the purchase order, payment history. In addiction of milk several dairy products such as cream, butter, cheese, ghee even though have been categorized milk they have variety types of milks, and dairy products to view the price of the product in the price catalog. Therefore, the impact of milk and dairy products are useful and helpful for all agents and distributors. Agents are having account to login this application, and to view the order history and payments detail, due balance schemes, and register a complaint for any Queries and report. The app generates printed receipt as well as sends SMS to the Agents instantly. At the end of shift, entire data is sent to the web-server. Advantages of Food Product System is a healthy diet including a variety of foods from the five food groups such as fruit, vegetables and milk, cheese and yogurt can help you manage your blood pressure

A quality output is one, which meets the requirements of the end user and presents the information clearly. In any system results of processing are communicated to the users and to other system through outputs. In output design it is determined how the information is to be displaced for immediate need and also the hard copy output. It is the most important and direct source information to the user. Efficient and intelligent output design improves the system’s relationship to help user decision-making. The output form of an information system should accomplish one or more of the following objectives. Convey information about past activities, current status or projections of the Future. Signal important events, opportunities, problems, or warnings. Trigger an action. Confirm an action. The system consists of the following modules such as User and Admin Module, Price catalog, Indent Order, Order summary, Payments, Suggestions and feedback Schemes. User and Admin Module is the first activity that opens when user installs the app. User needs to provide a correct contact number and a password, which user enters while registering, in order to login into the app. If information provided by the user matches with the data in the database table then user successfully login into the app else message of login failed is displayed and user need to reenter correct information. A link to the register activity is also provided for registration of new users. A new user who wants to access the app needs to register first before login. By clicking on register button in login activity, the register activity gets open. A new user registers by entering full name, password and contact number. A user needs to enter password again in confirm password textbox for confirmation. When user enters the information in all textboxes, on the click of register button, the data is transferred to database and user is directed to login activity again. Registered user then needs to login in order to access the app. Validations are applied on all the textboxes for proper functioning of the app. Like information in each textbox is must that is each textbox, either it is of name, contact, password or confirm password, will not be empty while registering. If any such textbox is empty app will give message of information is must in each textbox. Also data in password and confirm password fields must match for successful registration. Another validation is contact number must be valid one that is of 10 digits. If any such validation is violated then registration will be unsuccessful and then user needs to register again. Message that app will display when one of the field is empty. If all such information is correct user will be directed to login activity for login into the app. Admin can login to the application and then add/modify the price catalog, Indent order, order summary, payments, suggestions and feedback and schemes. Price catalog is used to view the price of the products. Indent Order is used to place an order for tomorrow. Order summary is used to purchase history of the product. Payments module is used to a statement of the bill payment. Suggestions and feedback is used to get our drawbacks. Schemes contains offers and targets. The diary product app home page, catalog page, order page and offer page information related to friends, accounts, reminder and other important information. User can send stored information through mail. User can also send information to its friend (Skype, email, Hook Up) or store online (Google drive, Gmail). User can search for the stored information through search bar that will help user for easy access. User will receive an alert for corresponding reminder.

**CHAPTER 2**

**LITERATURE SURVEY**

**2.1 PURPOSE OF THIS PROJECT**

In small scale industry, manual work is required for collecting orders from the retailers and then compiling a composite order to be placed at the manufacturer site. They basically maintain a record of orders and sales in a database. Depending on the status of the database they perform analysis manually and make a decision. In large-scale industry, ERP and CRM packages use a great deal of application agendas that get the best out of the available market. Product lines like Salesforce, Sugar CRM, etc. have displayed to give to the business trends analysis. But the way these products operate and the cost of operation/licensing these products is very high and can meet the expense by major businesses with an operating income of million dollars. The current systems deploy statistical analysis of the product supply and profits per unit. The analysis is supposed to have historical data so as to examine any risk. So risk mitigation factors are completely out of range in the current systems. Value chain analysis is important to an understanding of markets, their relationships, the participation of different actors, and the critical constraints that limit the growth of livestock production and consequently the competitiveness of smallholder farmers. These farmers currently receive only a small fraction of the ultimate value of their output, even if, in theory, risk and rewards should be shared down the chain. This study evaluates the effectiveness of the value chain in the karachchi division, Kilinochchi district. Accurate prediction of daily milk production is a crucial aspect of the dairy industry. During the past decades, although many models using various data analytic techniques have been proposed in the literature to address the milk prediction problem, these models have yet to be widely applied in daily operations. Dairy producers need to predict milk yield at individual cow and group level. Given the increasing amount of milk production information collected every year, the difficulty also arises from analyzing big data. To address challenges in dairy supply chains and help dairy producers, especially small-scale producers, make use of data analytics in milk supply decision-making, a targeted effort to develop a feasible and cost-effective tool, Milk is launched. This tool allows dairy producers to use various prediction models to discover insight into milk production and forecast future milk yield at both the individual cow and the group level.

**2.2 SURVEY OF DAIRIES IN OUR LOCALITY**

**2.2.1 Name of Dairy** :- Janta Dairy

Q.1 Who is the Founder of your Dairy?

Ans:- shri.Badrinath Chaudhary.

Q.2 Do you have you own Dairy Farm or you order milk from other sources?

Ans:- yes,we have our own Dairy farm.

Q.3 Do you make milk products by yourself or order it?

Ans:- we order some products and remaining produts we make ourselves.

Q.4 How do you maintain your Quality of milk & milk products?

Ans:- We have several kinds of jumbo size freezers to store milk products.

Q.5 How do you deal with the leftover goods?

Ans:- Usually there aren’t any leftovers.

Q.6 How much margin do you get?

Ans:- We get 5-7% margin on each product.

Q.7 How do you maintain your relation with customer?

Ans:- we always try to give the best quality to our customers.

Q.8 Normally how many customers you get in a day?

1. 50-100 2. 100-150

1. 150-200 2. More than 200

Q.9 Do you provide home delivery service?

1. Yes 2. No

Q.10 Do you any branches in Aurangabad?

1. Yes 2. No

Q.11 Have you ever tied up with any online groceries App?

1. Yes 2. No

Q.12 Would you like to tie up with us?

1. Yes 2. No

**2.2.2 Name of Dairy** :- KGN Dairy

Q.1 Who is the Founder of your Dairy?

Ans:- shri. Yakub Imamsab Mulla.

Q.2 Do you have you own Dairy Farm or you order milk from other sources?

Ans:- no,we order products from other sources.

Q.3 Do you make milk products by yourself or order it?

Ans:- we order products from other sources

Q.4 How do you maintain your Quality of milk & milk products?

Ans:- We store the products in deep freezer.

Q.5 How do you deal with the leftover goods?

Ans:- We distribute our leftovers.

Q.6 How much margin do you get?

Ans:- We get 1-3% margin on per product.

Q.7 How do you maintain your relation with customer?

Ans:- We try to give best quality to our customers.

Q.8 Normally how many customers you get in a day?

1. 50-100 2. 100-150

1. 150-200 2. More than 200

Q.9 Do you provide home delivery service?

1. Yes 2. No

Q.10 Do you any branches in Aurangabad?

1. Yes 2. No

Q.11 Have you ever tied up with any online groceries App?

1. Yes 2. No

Q.12 Would you like to tie up with us?

1. Yes 2.No

**2.2.3 Name of Dairy** :- Manesh Dairy

Q.1 Who is the Founder of your Dairy?

Ans:- shri.Manesh Sonwane.

Q.2 Do you have you own Dairy Farm or you order milk from other sources?

Ans:- no,we order products from other sources.

Q.3 Do you make milk products by yourself or order it?

Ans:- we order some products and remaining produts we make ourselves.

Q.4 How do you maintain your Quality of milk & milk products?

Ans:- We store the products in deep freezer.

Q.5 How do you deal with the leftover goods?

Ans:- We distribute our leftovers.

Q.6 How much margin do you get?

Ans:- We get 1-4% margin on per product.

Q.7 How do you maintain your relation with customer?

Ans:- We keep good Communication with our customers.

Q.8 Normally how many customers you get in a day?

1. 50-100 2. 100-150

1. 150-200 2. More than 200

Q.9 Do you provide home delivery service?

1. Yes 2. No

Q.10 Do you any branches in Aurangabad?

1. Yes 2. No

Q.11 Have you ever tied up with any online groceries App?

1. Yes 2. No

Q.12 Would you like to tie up with us?

1. Yes 2. No

**2.2.4 Name of Dairy** :- Prabha Dairy

Q.1 Who is the Founder of your Dairy?

Ans:- shri.babasaheb pathade.

Q.2 Do you have you own Dairy Farm or you order milk from other sources?

Ans:- yes,we have our own Dairy farm.

Q.3 Do you make milk products by yourself or order it?

Ans:- we order some products like paneer,shrikhand and remaining produts we make ourselves.

Q.4 How do you maintain your Quality of milk & milk products?

Ans:- We have several kinds of jumbo size freezers to store milk products.

Q.5 How do you deal with the leftover goods?

Ans:- Usually there aren’t any leftovers.

Q.6 How much margin do you get?

Ans:- We get 4-7% margin on each product.

Q.7 How do you maintain your relation with customer?

Ans:- we always try to give the best quality to our customers and maintain their belief in our products.

Q.8 Normally how many customers you get in a day?

1. 50-100 2. 100-150

1. 150-200 2. More than 200

Q.9 Do you provide home delivery service?

1. Yes 2. No

Q.10 Do you any branches in Aurangabad?

1. Yes 2. No

Q.11 Have you ever tied up with any online groceries App?

1. Yes 2. No

Q.12 Would you like to tie up with us?

1. Yes 2. No

**2.2.5 Name of Dairy** :- Samarth Dairy

Q.1 Who is the Founder of your Dairy?

Ans:- shri.Dattoba Tukaram Gaikwad.

Q.2 Do you have you own Dairy Farm or you order milk from other sources?

Ans:- yes,we have our own Dairy farm.

Q.3 Do you make milk products by yourself or order it?

Ans:- we order some products like paneer,petha and remaining produts we make ourselves.

Q.4 How do you maintain your Quality of milk & milk products?

Ans:- We have several kinds of jumbo size freezers to store milk products.

Q.5 How do you deal with the leftover goods?

Ans:- we make or order the quantity as per requirement or need and if there are leftovers we try to store or it or else it gets wasted.

Q.6 How much margin do you get?

Ans:- We get 2-5% margin on per product.

Q.7 How do you maintain your relation with customer?

Ans:- we give discount to our customers and if there are regular customers we give special discounts on occasion.

Q.8 Normally how many customers you get in a day?

1. 50-100 2. 100-150

1. 150-200 2. More than 200

Q.9 Do you provide home delivery service?

1. Yes 2. No

Q.10 Do you any branches in Aurangabad?

1. Yes 2. No

Q.11 Have you ever tied up with any online groceries App?

1. Yes 2. No

Q.12 Would you like to tie up with us?

1. Yes 2. No

**2.3 ANALYSIS ON LITERATURE SURVEY**

In this literature Survey we have collected data from particular dairies in our locality and on the basis of that we have come up with this project. Because of 70% of dairies were in the favor of having an applications which increases their selling and gaining them profit also we have conducted an survey for customers too. In that survey we have found that it would be an great help for the customers if they get all the milk products delivered to their doorstep. Hence we are planning on creating an application which would help sellers as well as the customers and reduce their work load as well as time. Also importantly it will increase the margins and sales of milk products and the wastage of milk would be clearly reduced. The need of Application in our locality is very needy and can be used for the development of our nation towards technology. It will enhance the quality and belief of people on online delivery products and they will also get the advantage of fresh dairy milk which will help people stay fit and healthy.

The possibility of success of this Application is quiet guaranteed because the mark of 70% makes it clear for us. . Hence we are planning on creating an application which would help sellers as well as the customers and reduce their work load as well as time. Also importantly it will increase the margins and sales of milk products and the wastage of milk would be clearly reduced. The need of Application in our locality is very needy and can be used for the development of our nation towards technology

**CHAPTER 3**

**DESIGNING**

**Diagrams**:

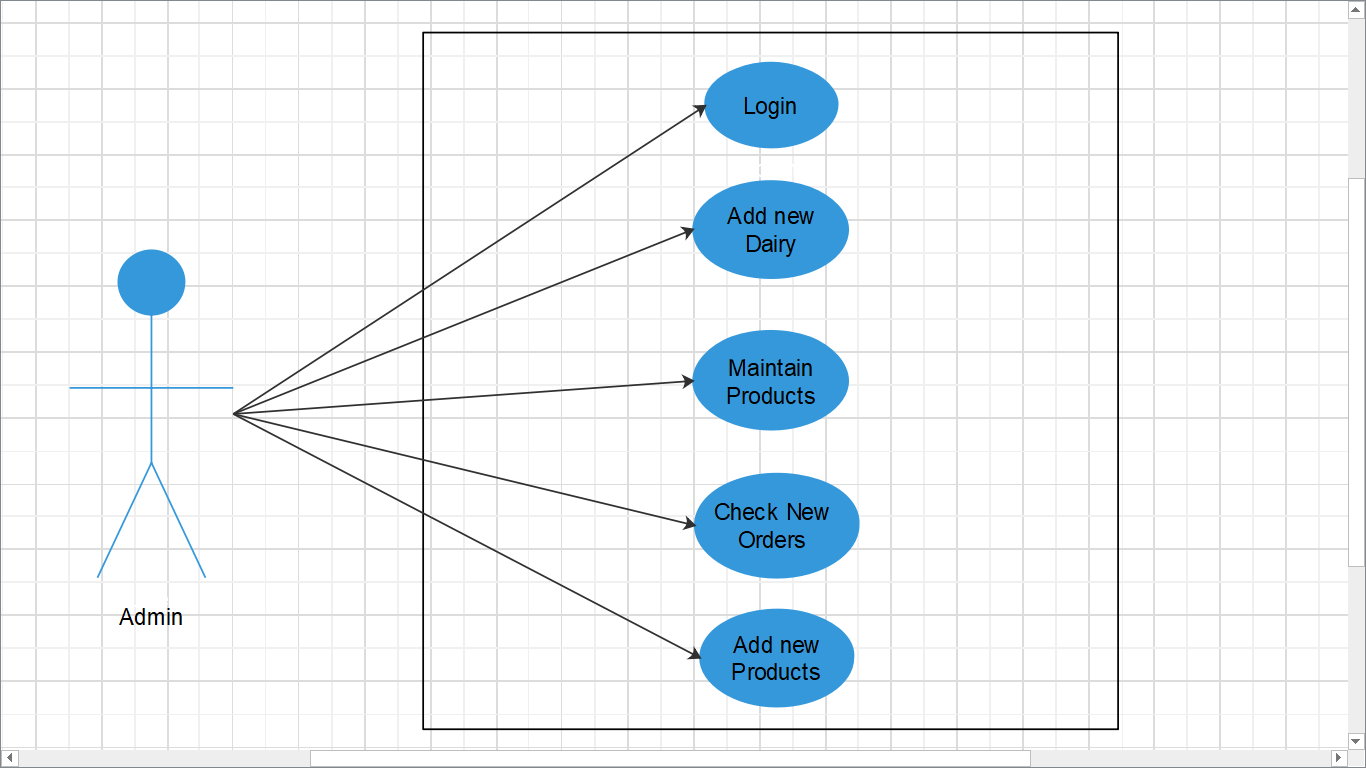
**3.1 System Flowchart**:



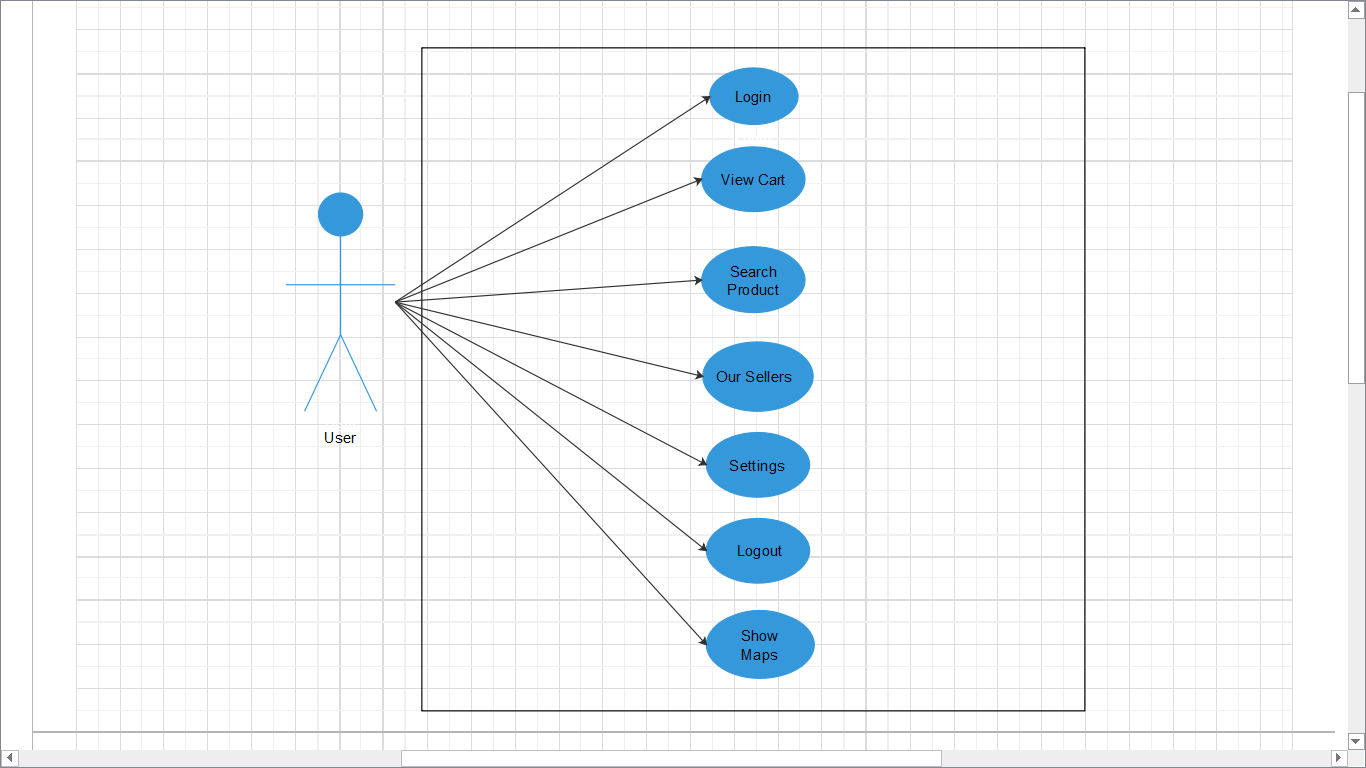
* **3.2 Use Case Diagram**

A use case diagram at its simplest a representation of user interaction with the system and depicting the specification of use case.

**3.2.1 Use Case Diagram for Admin**

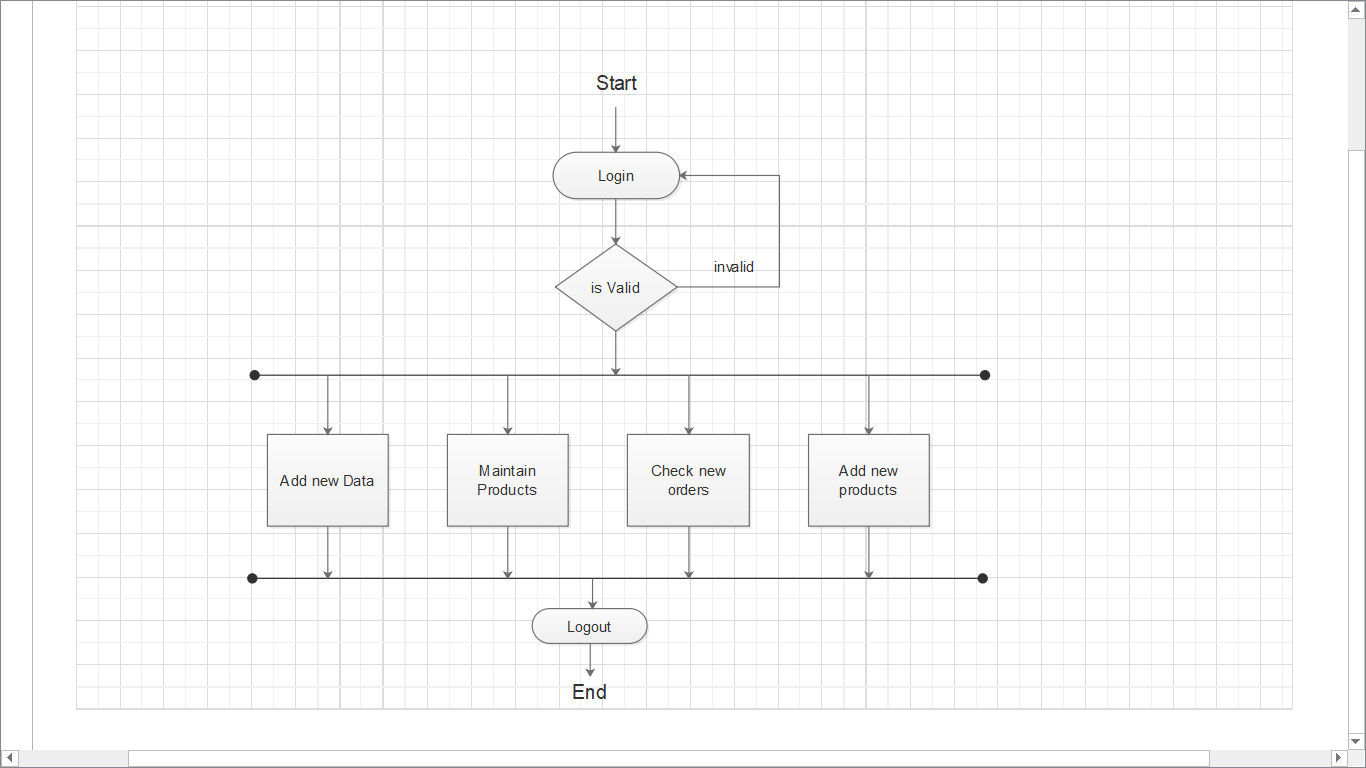


**3.2.2 Use Case Diagram for User**

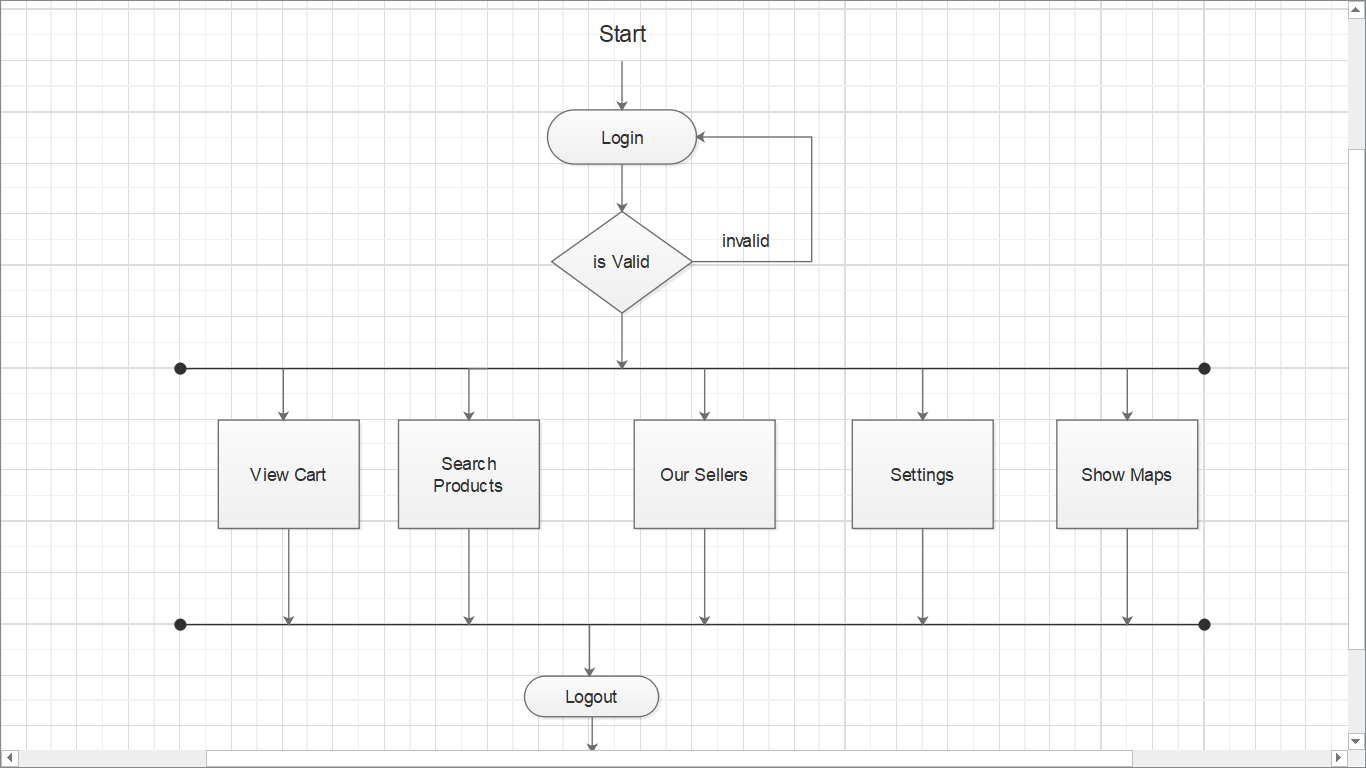


**3.3 ACTIVITY DIAGRAM**

**3.3.1 Activity Diagram for Admin**



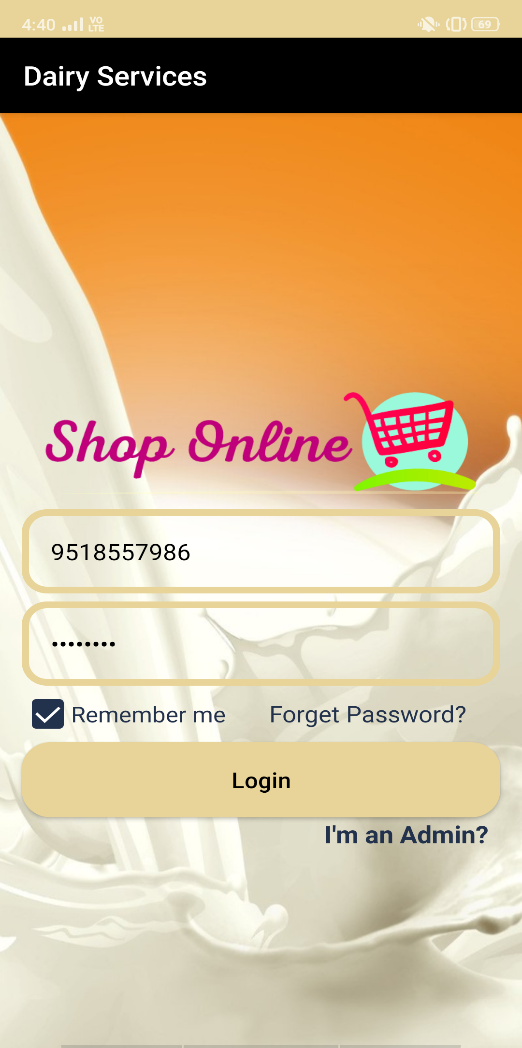
**3.3.2 Activity Diagram for Seller**



**CHAPTER 4**

**IMPLEMENTATION**

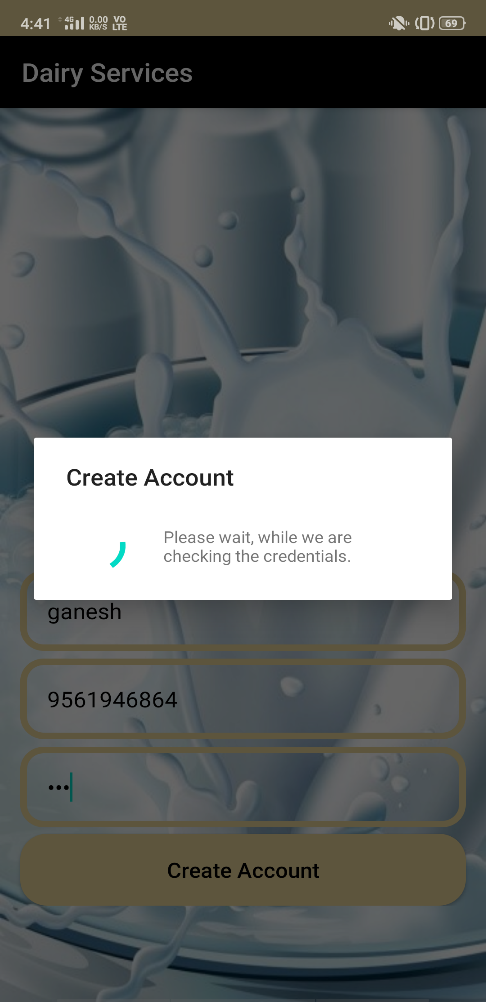
In this phase the project is fully developed and this phase is use to show the different outputs of the project this all output will be the actual screenshots of the project.



**Figure 4.2: Login Page**

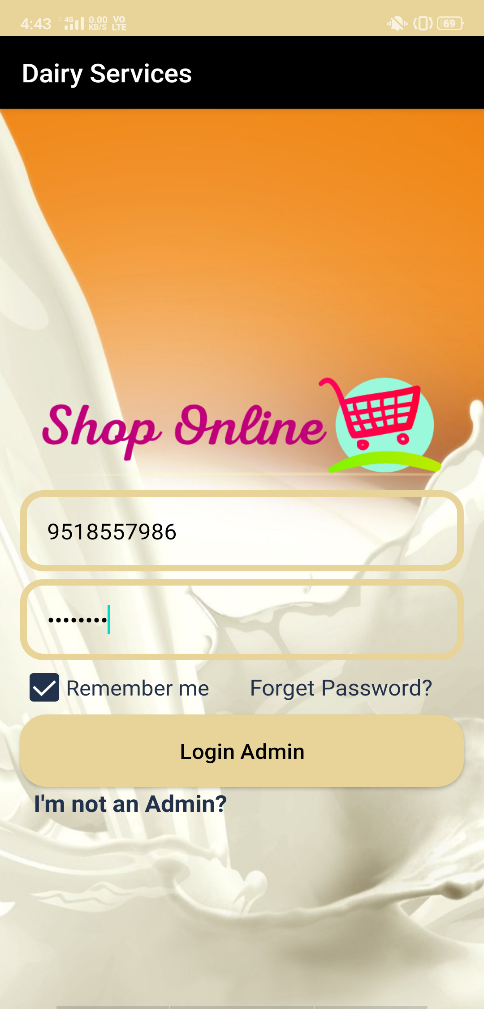
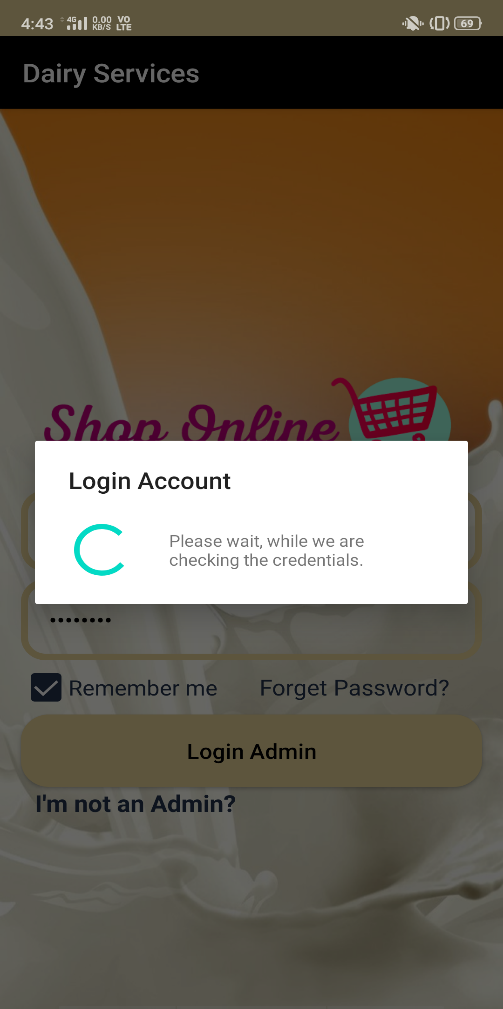


**Figure 4.1: Start Page**

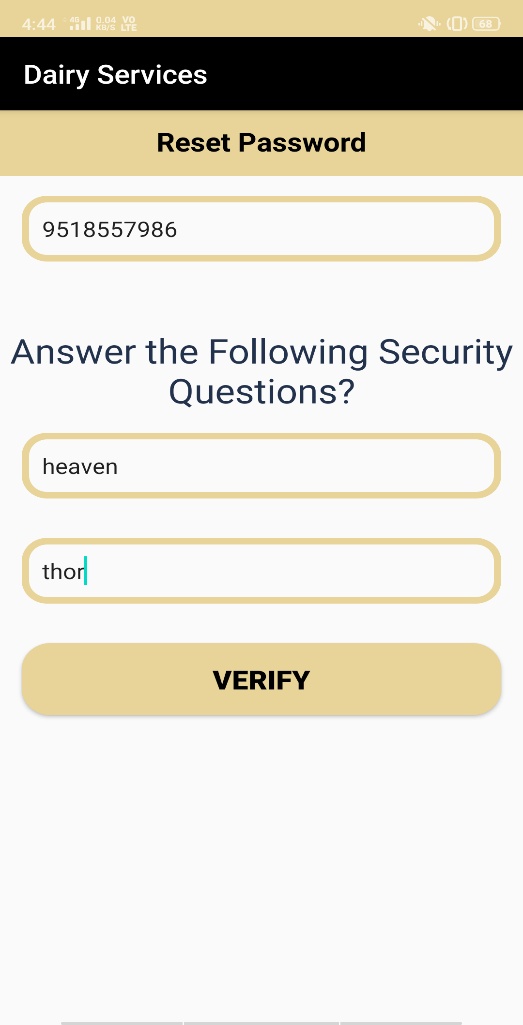
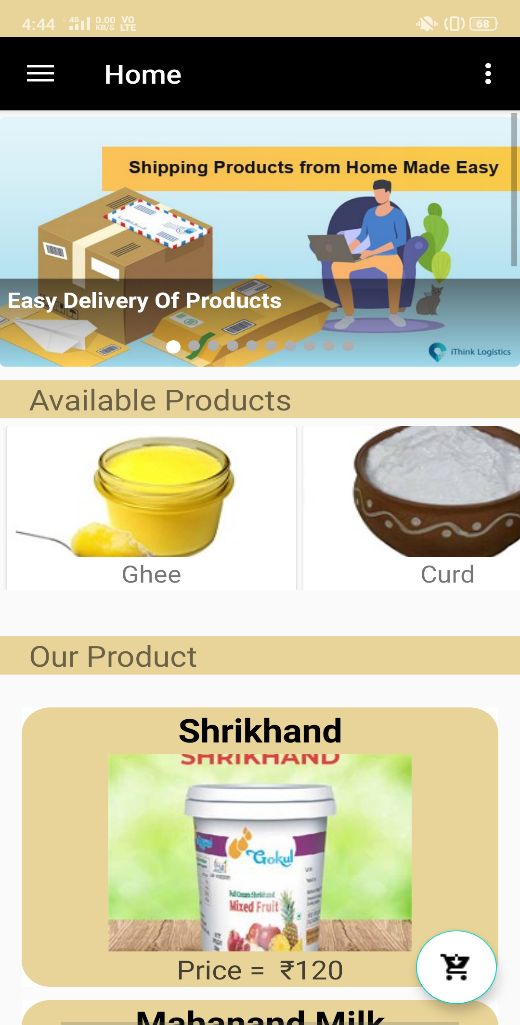
**Figure 4.4: Loding Dialog Box**

**Figure 4.3: Register Page**



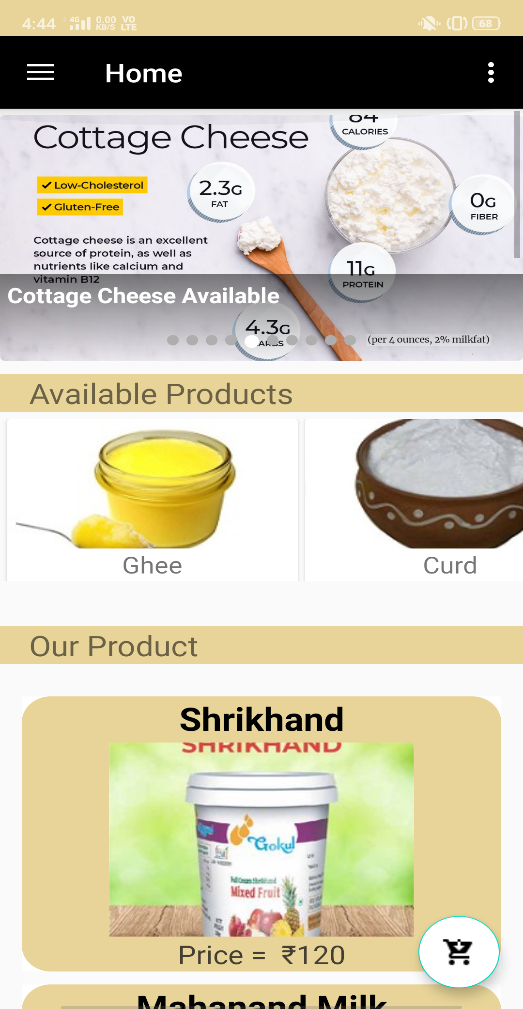
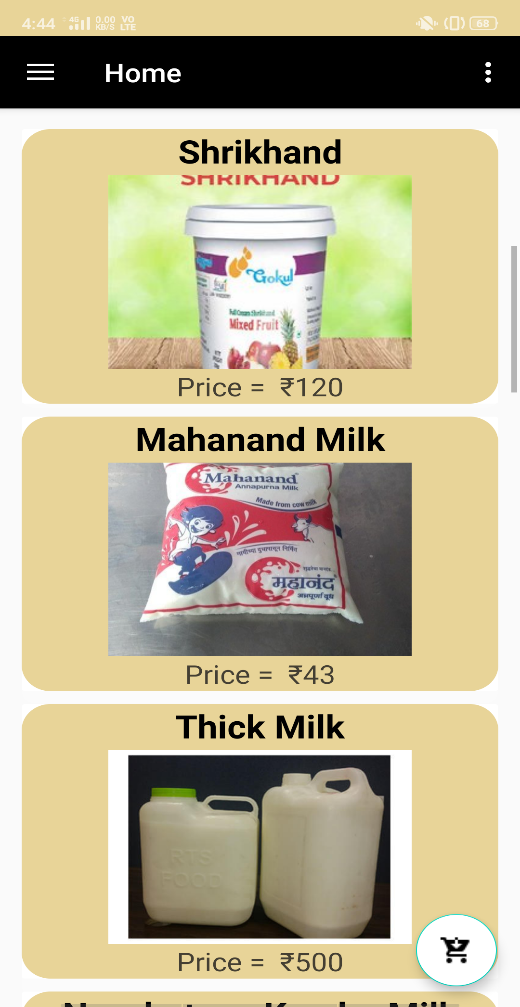
**Figure 4.6: Admin Login Loding Bar**

**Figure 4.5: Admin Login**



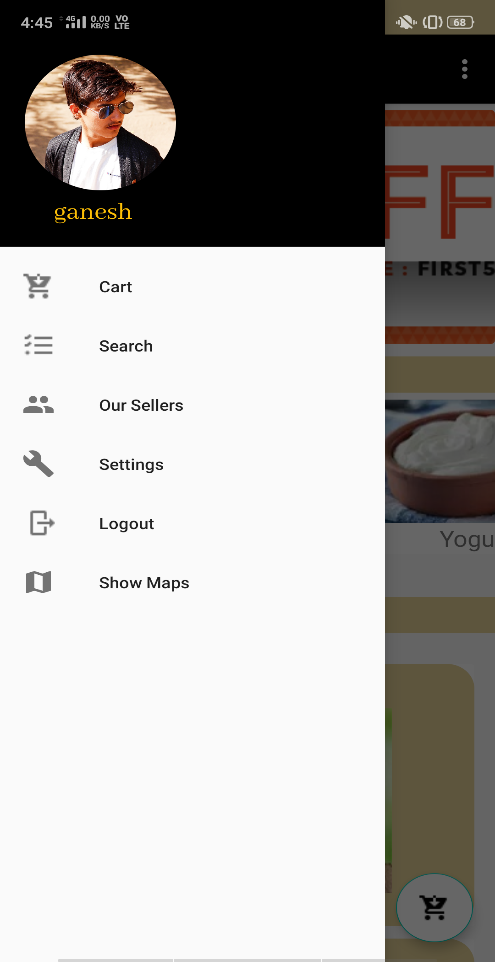
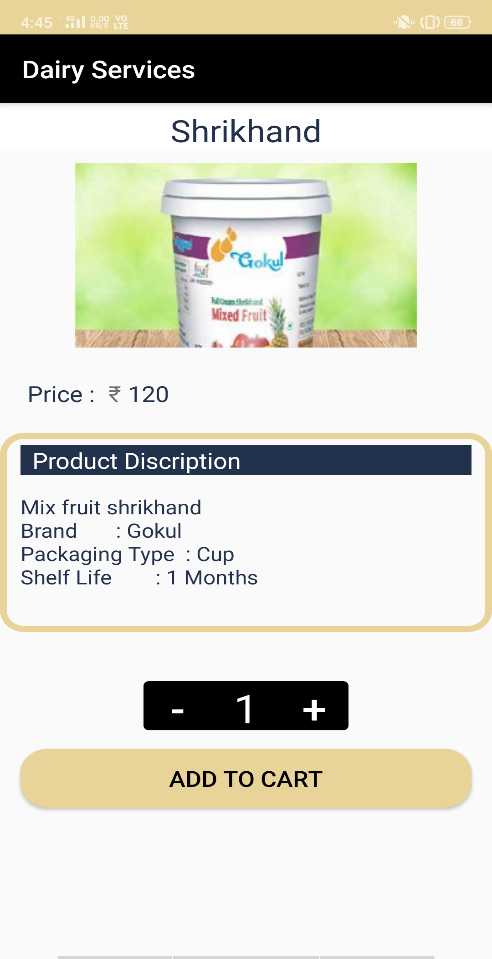
**Figure 4.7: Forgot Password Page**

**Figure 4.8: Home Page**



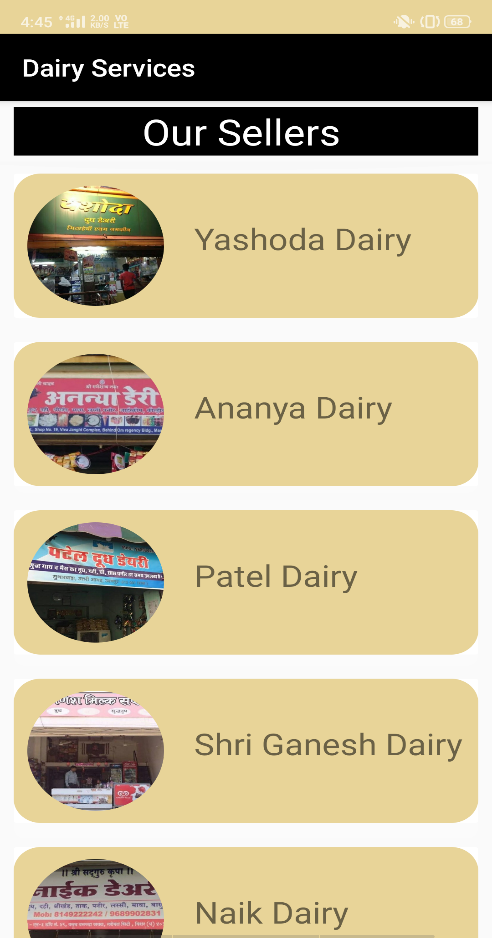
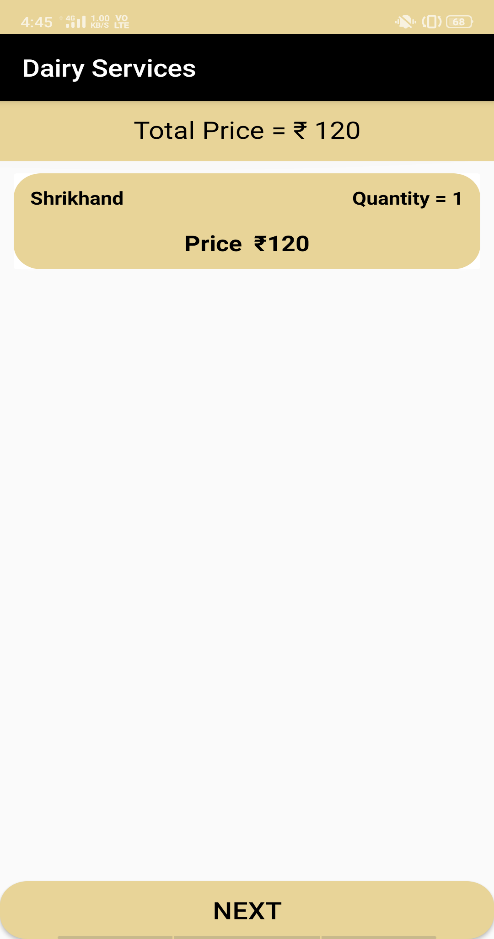
**Figure 4.9: Home Page Image Slider**

**Figure 4.10: Home Page Products**



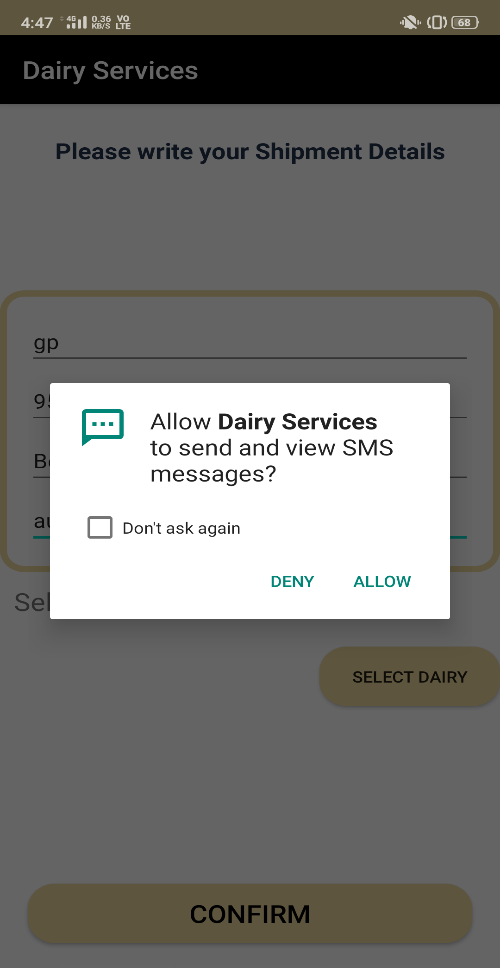
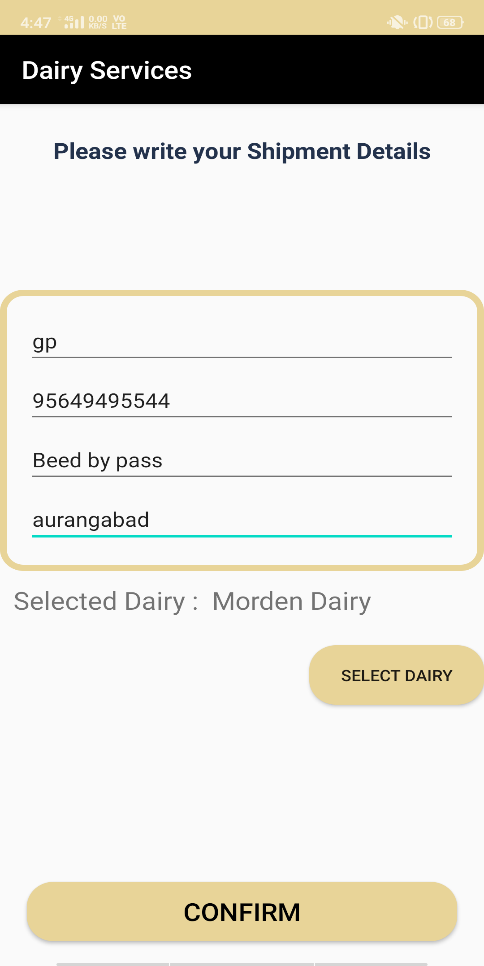
**Figure 4.11: Navigation Menu**

**Figure 4.12: Product Details Activity**



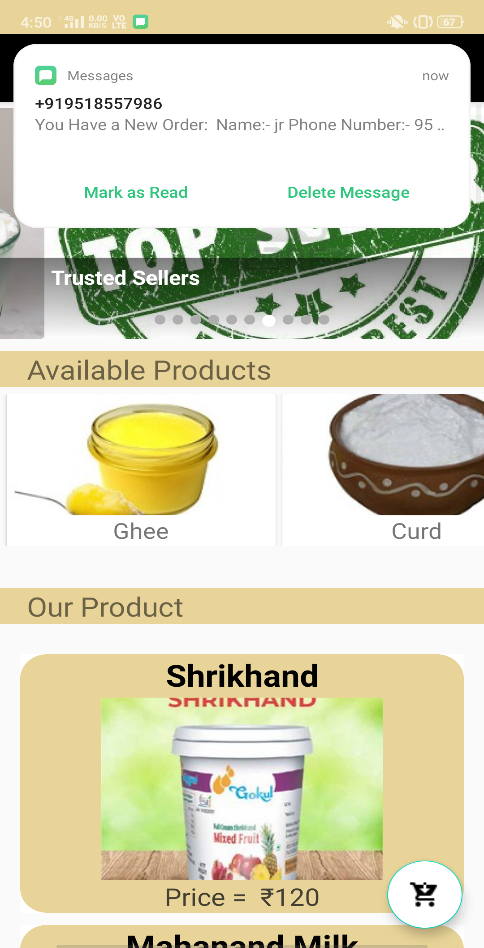
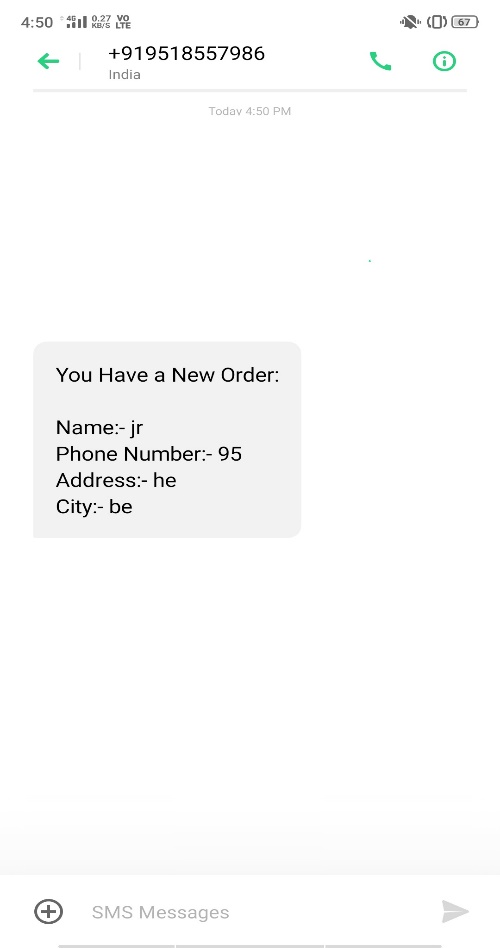
**Figure 4.14: Our Sellers Activity**

**Figure 4.13: Cart Activity**

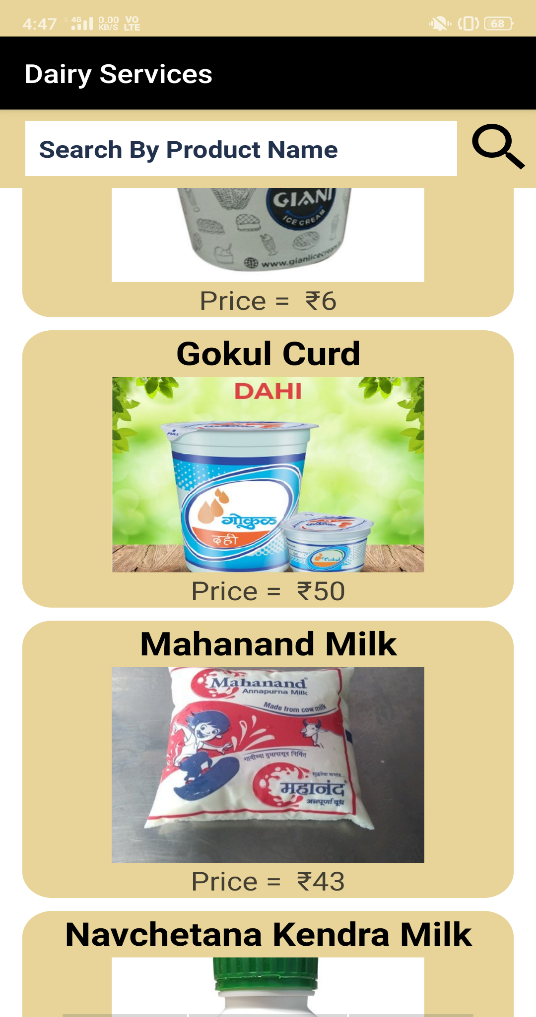
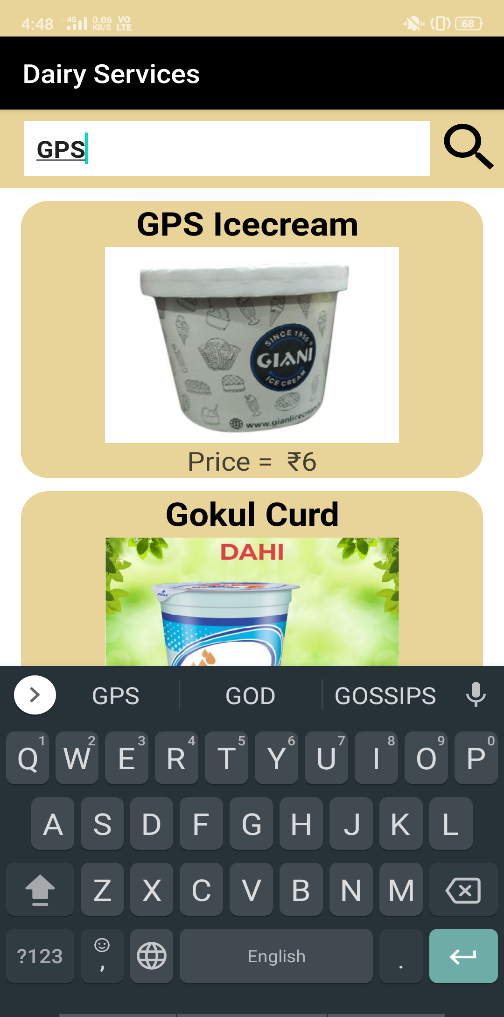
**Figure 4.15: Confrim Order Activity**

**Figure 4.16: Permission to Send Message**



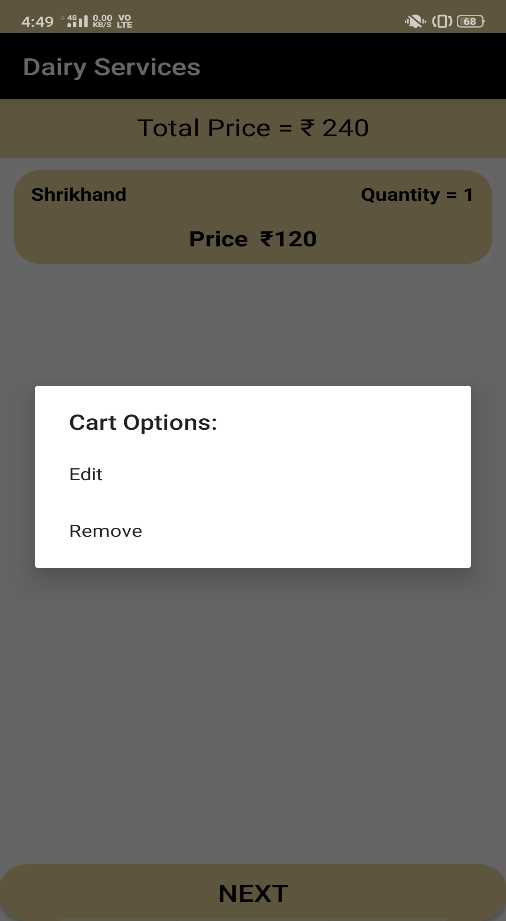
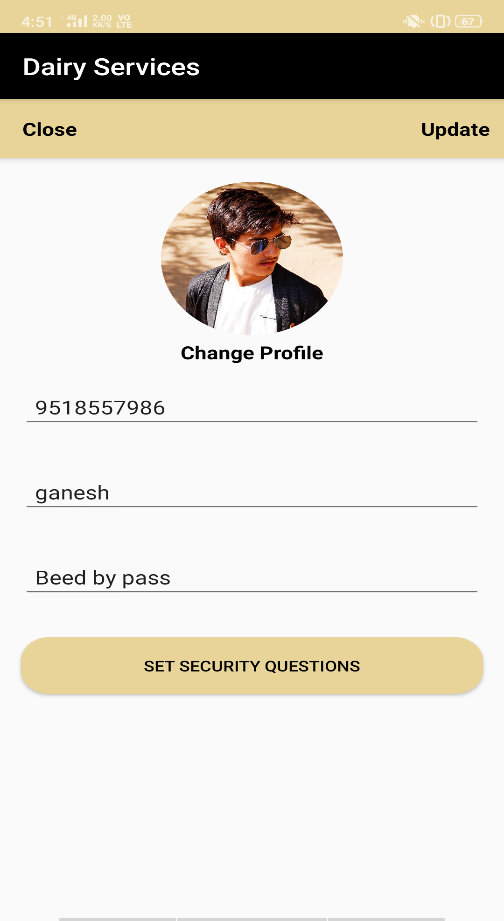
**Figure 4.18: Recived Message**

**Figure 4.17: Message Arrived**



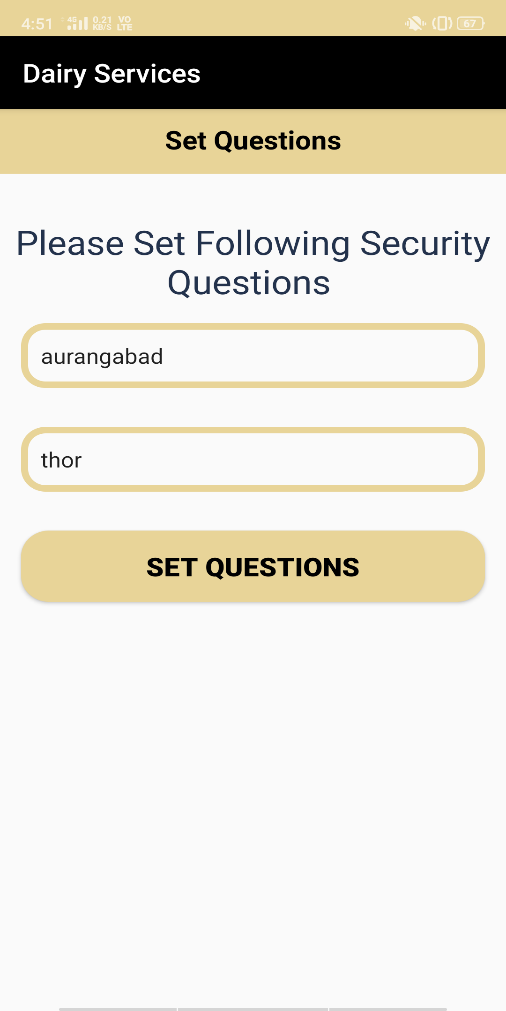
**Figure 4.20: Search Results**

**Figure 4.19: Search Products Activity**



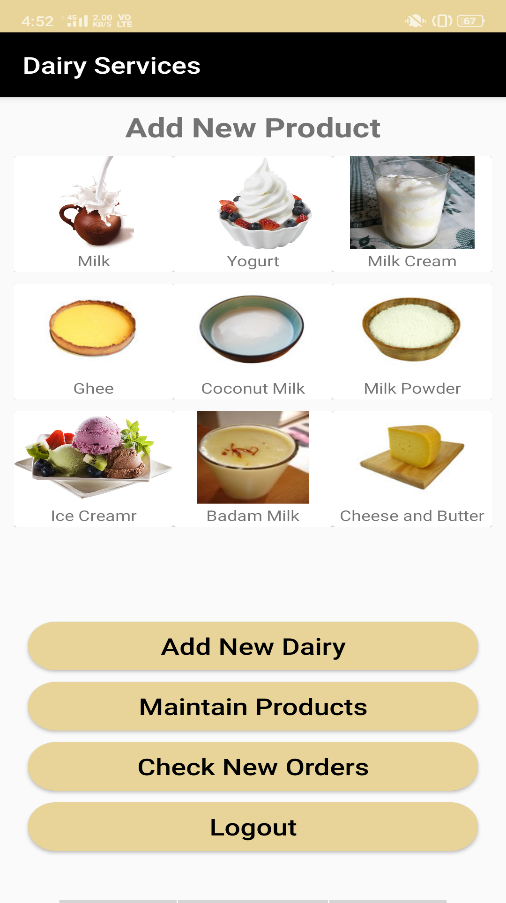
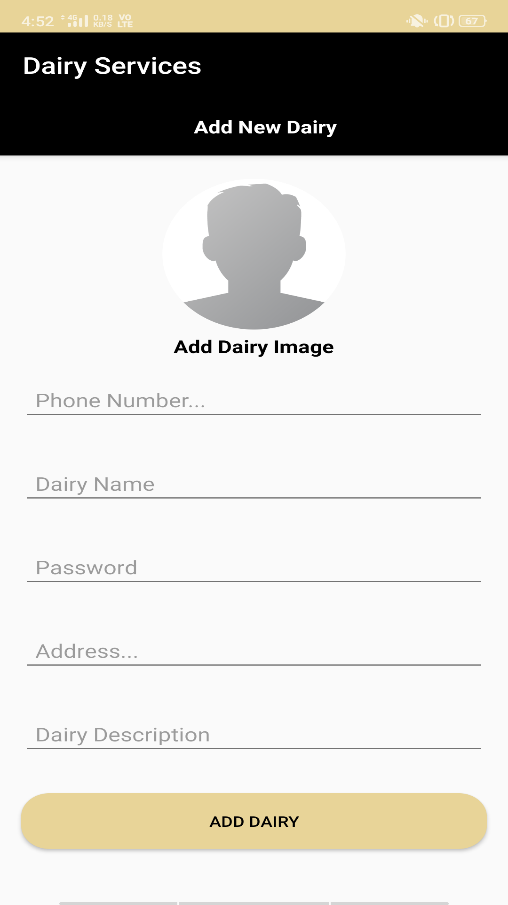
**Figure 4.22: Setting Activity**

**Figure 4.21: Cart Options**



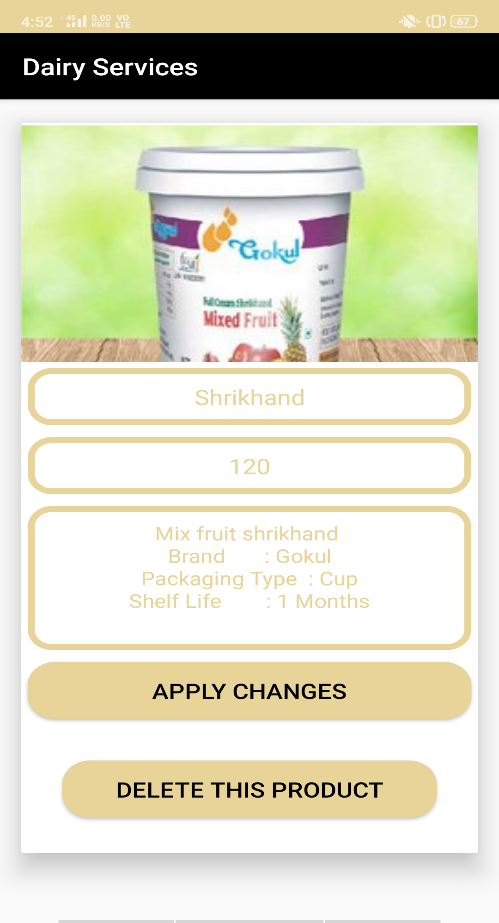
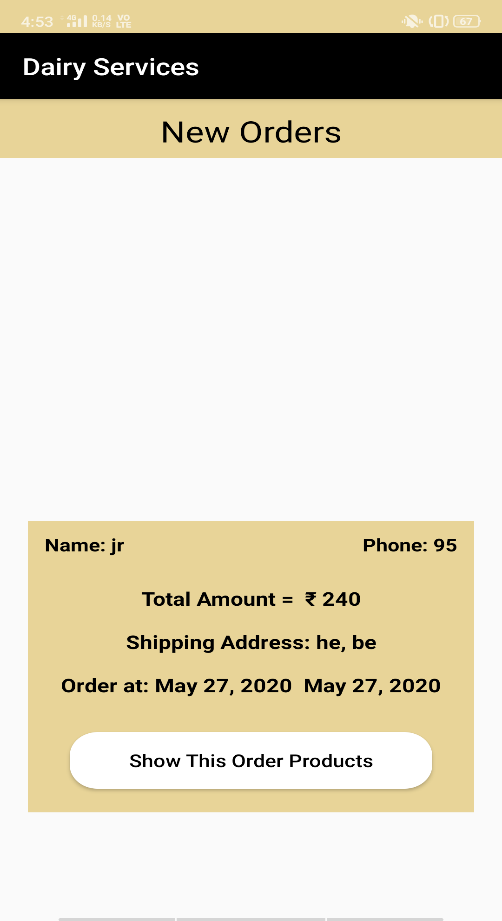
**Figure 4.23: Set Security Questions Acitvity**

**Figure 4.24: Maps Activity**



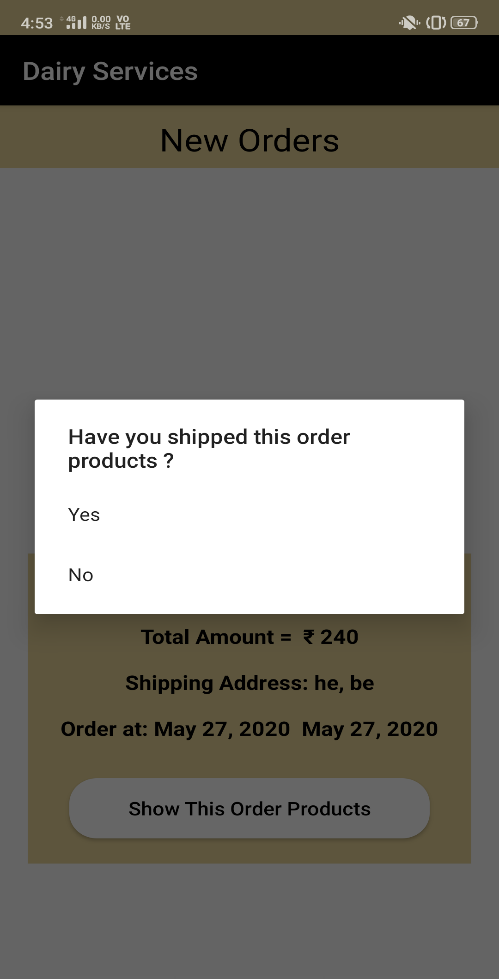
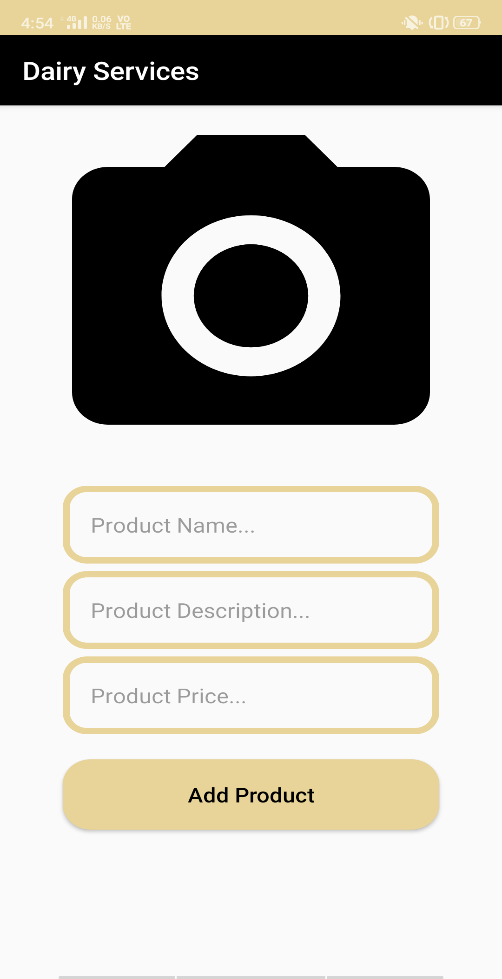
**Figure 4.26: Add New Dairy Activity**

**Figure 4.25: Admin Login Home Page**



**Figure 4.28: New Orders Activity**

**Figure 4.27: Maintain Products**



**Figure 4.29: Ship Products Dialog**

**Figure 4.30: Add New Products Acivity**

**CHAPTER 5**

**SOURCE CODE**

The source code of this project contain a proper hierarchy, this hierarchy/structure are of all the JAVA and XML. The structure of the project contains the 6 main folders and the further files are the in the sub-folder or in the main folders of the hierarchy. The 6 main folders are as follows

1. manifests
2. java
3. java(generated)
4. res
5. res(generated)
6. Gradle Scripts

Source code:-

1. **manifests** 🡪 **AndroidManifest.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**manifest xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 package="com.example.dairyservices"**>  
  
 <**uses-permission android:name="android.permission.READ\_EXTERNAL\_STORAGE"** />  
 <**uses-permission android:name="android.permission.WRITE\_EXTERNAL\_STORAGE"** />  
 <**uses-permission android:name="android.permission.SEND\_SMS"**/>  
  
 <**application  
 android:allowBackup="true"  
 android:label="@string/app\_name"  
 android:roundIcon="@mipmap/ic\_launcher\_logo\_round"  
 android:supportsRtl="true"  
 android:theme="@style/AppTheme"**>  
 <**activity android:name=".AddNewDairyActivity"** />  
 <**activity android:name=".SearchProductsActivity"** />  
 <**activity android:name=".AdminUserProductsActivity"** />  
 <**activity android:name=".AdminNewOrdersActivity"** />  
 <**activity android:name=".ConfirmFinalOrderActivity"** />  
 <**activity android:name=".CartActivity"** />  
 <**activity android:name=".ProductDetailsActivity"** />  
 <**activity android:name=".AdminMaintainProductsActivity"** />  
 <**activity android:name=".ResetPasswordActivity"** />  
 <**activity android:name=".SettingsActivity"** />  
 <**activity android:name=".AdminAddNewProductsActivity"** />  
 <**activity android:name=".OurSellers"**/>  
 <**activity android:name=".DairyDetails"**/>  
 <**activity android:name="com.example.dairyservices.ViewHolder.SellerViewHolder"**/>  
 <**activity android:name="com.theartofdev.edmodo.cropper.CropImage"**/>  
 <**activity android:name="com.theartofdev.edmodo.cropper.CropImageActivity"**/>  
  
 <**activity  
 android:name=".HomeActivity"  
 android:label="@string/title\_activity\_home"  
 android:theme="@style/AppTheme.NoActionBar"** />  
 <**activity android:name=".AdminCategoryActivity"** />  
 <**activity android:name=".RegisterActivity"** />  
 <**activity android:name=".LoginActivity"** />  
 <**activity android:name=".MainActivity"**>  
 <**intent-filter**>  
 <**action android:name="android.intent.action.MAIN"** />  
 <**category android:name="android.intent.category.DEFAULT"** />  
 </**intent-filter**>  
 </**activity**>  
  
 <**activity android:name="com.example.dairyservices.Splash" android:theme="@style/AppTheme.NoActionBar"** >  
 <**intent-filter**>  
 <**action android:name="android.intent.action.MAIN"** />  
  
 <**category android:name="android.intent.category.LAUNCHER"** />  
 </**intent-filter**>  
 </**activity**>  
  
  
 <**meta-data  
 android:name="preloaded\_fonts"  
 android:resource="@array/preloaded\_fonts"** />  
 </**application**>  
  
</**manifest**>

1. **java 🡪 com.example.dairyservices 🡪 Interface 🡪 ItemClickListener.java:-**

**package** com.example.dairyservices.Interface;  
  
**import** android.view.View;  
  
**public interface** ItemClickListner  
{  
 **void** onClick(View view, **int** position, **boolean** isLongClick);  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **Model** 🡪 **AdminOrders.java:-**

**package** com.example.dairyservices.Model;  
  
**public class** AdminOrders  
{  
 **private** String **name**, **phone**, **address**, **city**, **state**, **date**, **time**, **totalAmount**,**dairy**;  
  
 **public** AdminOrders() {  
 }  
  
 **public** AdminOrders(String name, String phone, String address, String city, String state, String date, String time, String totalAmount,String dairy) {  
 **this**.**name** = name;  
 **this**.**phone** = phone;  
 **this**.**address** = address;  
 **this**.**city** = city;  
 **this**.**state** = state;  
 **this**.**date** = date;  
 **this**.**time** = time;  
 **this**.**totalAmount** = totalAmount;  
 **this**.**dairy**=dairy;  
 }  
  
 **public** String getName() {  
 **return name**;  
 }  
  
 **public void** setName(String name) {  
 **this**.**name** = name;  
 }  
  
 **public** String getPhone() {  
 **return phone**;  
 }  
  
 **public void** setPhone(String phone) {  
 **this**.**phone** = phone;  
 }  
  
 **public** String getAddress() {  
 **return address**;  
 }  
  
 **public void** setAddress(String address) {  
 **this**.**address** = address;  
 }  
  
 **public** String getCity() {  
 **return city**;  
 }  
  
 **public void** setCity(String city) {  
 **this**.**city** = city;  
 }  
  
 **public** String getState() {  
 **return state**;  
 }  
  
 **public void** setState(String state) {  
 **this**.**state** = state;  
 }  
  
 **public** String getDate() {  
 **return date**;  
 }  
  
 **public void** setDate(String date) {  
 **this**.**date** = date;  
 }  
  
 **public** String getTime() {  
 **return time**;  
 }  
  
 **public void** setTime(String time) {  
 **this**.**time** = time;  
 }  
  
 **public** String getTotalAmount() {  
 **return totalAmount**;  
 }  
  
 **public void** setTotalAmount(String totalAmount) {  
 **this**.**totalAmount** = totalAmount;  
 }  
  
 **public** String getDairy(){**return dairy**;}  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **Model** 🡪 **Admins.java:-**

**package** com.example.dairyservices.Model;  
  
**public class** Admins {  
 **private** String **name**, **phone**, **password**, **image**, **address**, **description**;  
  
 **public** Admins()  
 {  
  
 }  
  
 **public** Admins(String name, String phone, String password, String image, String address, String description) {  
 **this**.**name** = name;  
 **this**.**phone** = phone;  
 **this**.**password** = password;  
 **this**.**image** = image;  
 **this**.**address** = address;  
 **this**.**description** = description;  
 }  
  
  
 **public** String getName() {  
 **return name**;  
 }  
  
 **public void** setName(String name) {  
 **this**.**name** = name;  
 }  
  
 **public** String getPhone() {  
 **return phone**;  
 }  
  
 **public void** setPhone(String phone) {  
 **this**.**phone** = phone;  
 }  
  
 **public** String getPassword() {  
 **return password**;  
 }  
  
 **public void** setPassword(String password) {  
 **this**.**password** = password;  
 }  
  
 **public** String getImage() {  
 **return image**;  
 }  
  
 **public void** setImage(String image) {  
 **this**.**image** = image;  
 }  
  
 **public** String getAddress() {  
 **return address**;  
 }  
  
 **public void** setAddress(String address) {  
 **this**.**address** = address;  
 }  
  
 **public** String getDiscription() {  
 **return description**;  
 }  
  
 **public void** setDiscription(String address) {  
 **this**.**description** = address;  
 }  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **Model** 🡪 **Cart.java:-**

**package** com.example.dairyservices.Model;  
  
**public class** Cart  
{  
 **private** String **pid**, **pname**, **price**, **quantity**, **discount**;  
  
 **public** Cart() {  
 }  
  
 **public** Cart(String pid, String pname, String price, String quantity, String discount) {  
 **this**.**pid** = pid;  
 **this**.**pname** = pname;  
 **this**.**price** = price;  
 **this**.**quantity** = quantity;  
 **this**.**discount** = discount;  
 }  
  
 **public** String getPid() {  
 **return pid**;  
 }  
  
 **public void** setPid(String pid) {  
 **this**.**pid** = pid;  
 }  
  
 **public** String getPname() {  
 **return pname**;  
 }  
  
 **public void** setPname(String pname) {  
 **this**.**pname** = pname;  
 }  
  
 **public** String getPrice() {  
 **return price**;  
 }  
  
 **public void** setPrice(String price) {  
 **this**.**price** = price;  
 }  
  
 **public** String getQuantity() {  
 **return quantity**;  
 }  
  
 **public void** setQuantity(String quantity) {  
 **this**.**quantity** = quantity;  
 }  
  
 **public** String getDiscount() {  
 **return discount**;  
 }  
  
 **public void** setDiscount(String discount) {  
 **this**.**discount** = discount;  
 }  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **Model** 🡪 **Products.java:-**

**package** com.example.dairyservices.Model;  
  
**public class** Products  
{  
 **private** String **pname**, **description**, **price**, **image**, **category**, **pid**, **date**, **time**;  
  
 **public** Products() {  
 }  
  
 **public** Products(String pname, String description, String price, String image, String category, String pid, String date, String time) {  
 **this**.**pname** = pname;  
 **this**.**description** = description;  
 **this**.**price** = price;  
 **this**.**image** = image;  
 **this**.**category** = category;  
 **this**.**pid** = pid;  
 **this**.**date** = date;  
 **this**.**time** = time;  
 }  
  
 **public** String getPname() {  
 **return pname**;  
 }  
  
 **public void** setPname(String pname) {  
 **this**.**pname** = pname;  
 }  
  
 **public** String getDescription() {  
 **return description**;  
 }  
  
 **public void** setDescription(String description) {  
 **this**.**description** = description;  
 }  
  
 **public** String getPrice() {  
 **return price**;  
 }  
  
 **public void** setPrice(String price) {  
 **this**.**price** = price;  
 }  
  
 **public** String getImage() {  
 **return image**;  
 }  
  
 **public void** setImage(String image) {  
 **this**.**image** = image;  
 }  
  
 **public** String getCategory() {  
 **return category**;  
 }  
  
 **public void** setCategory(String category) {  
 **this**.**category** = category;  
 }  
  
 **public** String getPid() {  
 **return pid**;  
 }  
  
 **public void** setPid(String pid) {  
 **this**.**pid** = pid;  
 }  
  
 **public** String getDate() {  
 **return date**;  
 }  
  
 **public void** setDate(String date) {  
 **this**.**date** = date;  
 }  
  
 **public** String getTime() {  
 **return time**;  
 }  
  
 **public void** setTime(String time) {  
 **this**.**time** = time;  
 }  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **Model** 🡪 **Users.java:-**

**package** com.example.dairyservices.Model;  
  
**public class** Users  
{  
 **private** String **name**, **phone**, **password**, **image**, **address**;  
  
 **public** Users()  
 {  
  
 }  
  
 **public** Users(String name, String phone, String password, String image, String address) {  
 **this**.**name** = name;  
 **this**.**phone** = phone;  
 **this**.**password** = password;  
 **this**.**image** = image;  
 **this**.**address** = address;  
 }  
  
  
 **public** String getName() {  
 **return name**;  
 }  
  
 **public void** setName(String name) {  
 **this**.**name** = name;  
 }  
  
 **public** String getPhone() {  
 **return phone**;  
 }  
  
 **public void** setPhone(String phone) {  
 **this**.**phone** = phone;  
 }  
  
 **public** String getPassword() {  
 **return password**;  
 }  
  
 **public void** setPassword(String password) {  
 **this**.**password** = password;  
 }  
  
 **public** String getImage() {  
 **return image**;  
 }  
  
 **public void** setImage(String image) {  
 **this**.**image** = image;  
 }  
  
 **public** String getAddress() {  
 **return address**;  
 }  
  
 **public void** setAddress(String address) {  
 **this**.**address** = address;  
 }  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **Prevalent** 🡪 **Prevalent.java:-**

**package** com.example.dairyservices.Prevalent;  
  
**import** com.example.dairyservices.Model.Users;  
  
**public class** Prevalent  
{  
 **public static** Users *currentOnlineUser*=**new** Users();  
  
 **public static final** String ***UserPhoneKey*** = **"UserPhone"**;  
 **public static final** String ***UserPasswordKey*** = **"UserPassword"**;  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **ui** 🡪 **gallery** 🡪 **GalleryFargment.java:-**

**package** com.example.dairyservices.ui.gallery;  
  
**import** android.os.Bundle;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
**import** android.widget.TextView;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.annotation.Nullable;  
**import** androidx.fragment.app.Fragment;  
**import** androidx.lifecycle.Observer;  
**import** androidx.lifecycle.ViewModelProviders;  
  
**import** com.example.dairyservices.R;  
  
**public class** GalleryFragment **extends** Fragment {  
  
 **private** GalleryViewModel **galleryViewModel**;  
  
 **public** View onCreateView(@NonNull LayoutInflater inflater,  
 ViewGroup container, Bundle savedInstanceState) {  
 **galleryViewModel** =  
 ViewModelProviders.*of*(**this**).get(GalleryViewModel.**class**);  
 View root = inflater.inflate(R.layout.***fragment\_gallery***, container, **false**);  
 **final** TextView textView = root.findViewById(R.id.***text\_gallery***);  
 **galleryViewModel**.getText().observe(getViewLifecycleOwner(), **new** Observer<String>() {  
 @Override  
 **public void** onChanged(@Nullable String s) {  
 textView.setText(s);  
 }  
 });  
 **return** root;  
 }  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **ui** 🡪 **gallery** 🡪 **GalleryViewModel.java:-**

**package** com.example.dairyservices.ui.gallery;  
  
**import** androidx.lifecycle.LiveData;  
**import** androidx.lifecycle.MutableLiveData;  
**import** androidx.lifecycle.ViewModel;  
  
**public class** GalleryViewModel **extends** ViewModel {  
  
 **private** MutableLiveData<String> **mText**;  
  
 **public** GalleryViewModel() {  
 **mText** = **new** MutableLiveData<>();  
 **mText**.setValue(**"This is gallery fragment"**);  
 }  
  
 **public** LiveData<String> getText() {  
 **return mText**;  
 }  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **ui** 🡪 **home** 🡪 **HomeFragment.java:-**

**package** com.example.dairyservices.ui.home;  
  
**import** android.os.Bundle;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
**import** android.widget.TextView;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.annotation.Nullable;  
**import** androidx.fragment.app.Fragment;  
**import** androidx.lifecycle.Observer;  
**import** androidx.lifecycle.ViewModelProviders;  
  
**import** com.example.dairyservices.R;  
  
**public class** HomeFragment **extends** Fragment {  
  
 **private** HomeViewModel **homeViewModel**;  
  
 **public** View onCreateView(@NonNull LayoutInflater inflater,  
 ViewGroup container, Bundle savedInstanceState) {  
 **homeViewModel** =  
 ViewModelProviders.*of*(**this**).get(HomeViewModel.**class**);  
 View root = inflater.inflate(R.layout.***fragment\_home***, container, **false**);  
 **final** TextView textView = root.findViewById(R.id.***text\_home***);  
 **homeViewModel**.getText().observe(getViewLifecycleOwner(), **new** Observer<String>() {  
 @Override  
 **public void** onChanged(@Nullable String s) {  
 textView.setText(s);  
 }  
 });  
 **return** root;  
 }  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **ui** 🡪 **home** 🡪 **HomeViewModel.java:-**

**package** com.example.dairyservices.ui.home;  
  
**import** androidx.lifecycle.LiveData;  
**import** androidx.lifecycle.MutableLiveData;  
**import** androidx.lifecycle.ViewModel;  
  
**public class** HomeViewModel **extends** ViewModel {  
  
 **private** MutableLiveData<String> **mText**;  
  
 **public** HomeViewModel() {  
 **mText** = **new** MutableLiveData<>();  
 **mText**.setValue(**"This is home fragment"**);  
 }  
  
 **public** LiveData<String> getText() {  
 **return mText**;  
 }  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **ui** 🡪 **slideshow** 🡪 **SlideShowFragment.java:-**

**package** com.example.dairyservices.ui.slideshow;  
  
**import** android.os.Bundle;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
**import** android.widget.TextView;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.annotation.Nullable;  
**import** androidx.fragment.app.Fragment;  
**import** androidx.lifecycle.Observer;  
**import** androidx.lifecycle.ViewModelProviders;  
  
**import** com.example.dairyservices.R;  
  
**public class** SlideshowFragment **extends** Fragment {  
  
 **private** SlideshowViewModel **slideshowViewModel**;  
  
 **public** View onCreateView(@NonNull LayoutInflater inflater,  
 ViewGroup container, Bundle savedInstanceState) {  
 **slideshowViewModel** =  
 ViewModelProviders.*of*(**this**).get(SlideshowViewModel.**class**);  
 View root = inflater.inflate(R.layout.***fragment\_slideshow***, container, **false**);  
 **final** TextView textView = root.findViewById(R.id.***text\_slideshow***);  
 **slideshowViewModel**.getText().observe(getViewLifecycleOwner(), **new** Observer<String>() {  
 @Override  
 **public void** onChanged(@Nullable String s) {  
 textView.setText(s);  
 }  
 });  
 **return** root;  
 }  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **ui** 🡪 **slideshow** 🡪 **SlideShowViewModel.java:**

**package** com.example.dairyservices.ui.slideshow;  
  
**import** androidx.lifecycle.LiveData;  
**import** androidx.lifecycle.MutableLiveData;  
**import** androidx.lifecycle.ViewModel;  
  
**public class** SlideshowViewModel **extends** ViewModel {  
  
 **private** MutableLiveData<String> **mText**;  
  
 **public** SlideshowViewModel() {  
 **mText** = **new** MutableLiveData<>();  
 **mText**.setValue(**"This is slideshow fragment"**);  
 }  
  
 **public** LiveData<String> getText() {  
 **return mText**;  
 }  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **ViewHolder** 🡪 **CartViewHolder.java:-**

**package** com.example.dairyservices.ViewHolder;  
  
**import** android.view.View;  
**import** android.widget.TextView;  
  
**import** androidx.recyclerview.widget.RecyclerView;  
  
**import** com.example.dairyservices.Interface.ItemClickListner;  
**import** com.example.dairyservices.R;  
  
**public class** CartViewHolder **extends** RecyclerView.ViewHolder **implements** View.OnClickListener  
{  
 **public** TextView **txtProductName**, **txtProductPrice**, **txtProductQuantity**;  
 **private** ItemClickListner **itemClickListner**;  
  
  
 **public** CartViewHolder(View itemView)  
 {  
 **super**(itemView);  
  
 **txtProductName** = itemView.findViewById(R.id.***cart\_product\_name***);  
 **txtProductPrice** = itemView.findViewById(R.id.***cart\_product\_price***);  
 **txtProductQuantity** = itemView.findViewById(R.id.***cart\_product\_quantity***);  
 }  
  
 @Override  
 **public void** onClick(View view)  
 {  
 **itemClickListner**.onClick(view, getAdapterPosition(), **false**);  
 }  
  
 **public void** setItemClickListner(ItemClickListner itemClickListner)  
 {  
 **this**.**itemClickListner** = itemClickListner;  
 }  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **ViewHolder** 🡪 **ProductViewHolder.java:-**

**package** com.example.dairyservices.ViewHolder;  
  
**import** android.view.View;  
**import** android.widget.ImageView;  
**import** android.widget.TextView;  
  
**import** androidx.recyclerview.widget.RecyclerView;  
  
**import** com.example.dairyservices.Interface.ItemClickListner;  
**import** com.example.dairyservices.R;  
  
**public class** ProductViewHolder **extends** RecyclerView.ViewHolder **implements** View.OnClickListener  
{  
 **public** TextView **txtProductName**, **txtProductDescription**, **txtProductPrice**;  
 **public** ImageView **imageView**;  
 **public** ItemClickListner **listner**;  
  
  
 **public** ProductViewHolder(View itemView)  
 {  
 **super**(itemView);  
  
  
 **imageView** = (ImageView) itemView.findViewById(R.id.***product\_image***);  
 **txtProductName** = (TextView) itemView.findViewById(R.id.***product\_name***);  
 *//txtProductDescription = (TextView) itemView.findViewById(R.id.product\_description);* **txtProductPrice** = (TextView) itemView.findViewById(R.id.***product\_price***);  
 }  
  
 **public void** setItemClickListner(ItemClickListner listner)  
 {  
  
 **this**.**listner** = listner;  
 }  
  
 @Override  
 **public void** onClick(View view)  
 {  
  
 **listner**.onClick(view, getAdapterPosition(), **false**);  
 }  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **ViewHolder** 🡪 **SellerViewHolder.java:-**

**package** com.example.dairyservices.ViewHolder;  
  
**import** android.view.View;  
**import** android.widget.ImageView;  
**import** android.widget.TextView;  
  
**import** androidx.recyclerview.widget.RecyclerView;  
  
**import** com.example.dairyservices.Interface.ItemClickListner;  
**import** com.example.dairyservices.R;  
  
**public class** SellerViewHolder **extends** RecyclerView.ViewHolder **implements** View.OnClickListener {  
  
 **public** TextView **txtDairyName**;  
 **public** ImageView **imageView**;  
 **public** ItemClickListner **listner**;  
  
 **public** SellerViewHolder(View itemView)  
 {  
 **super**(itemView);  
  
 **imageView** = (ImageView) itemView.findViewById(R.id.***imgicon***);  
 **txtDairyName** = (TextView) itemView.findViewById(R.id.***txtTitle***);  
 }  
 **public void** setItemClickListner(ItemClickListner listner)  
 {  
  
 **this**.**listner** = listner;  
 }  
 **public void** onClick(View view)  
 {  
  
 **listner**.onClick(view, getAdapterPosition(), **false**);  
 }  
  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **AddNewDairyActivity.java:-**

**package** com.example.dairyservices;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.app.ProgressDialog;  
**import** android.content.Intent;  
**import** android.net.Uri;  
**import** android.os.Bundle;  
**import** android.text.TextUtils;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.TextView;  
**import** android.widget.Toast;  
  
**import** com.google.android.gms.tasks.Continuation;  
**import** com.google.android.gms.tasks.OnCompleteListener;  
**import** com.google.android.gms.tasks.Task;  
**import** com.google.firebase.database.DataSnapshot;  
**import** com.google.firebase.database.DatabaseError;  
**import** com.google.firebase.database.DatabaseReference;  
**import** com.google.firebase.database.FirebaseDatabase;  
**import** com.google.firebase.database.ValueEventListener;  
**import** com.google.firebase.storage.FirebaseStorage;  
**import** com.google.firebase.storage.StorageReference;  
**import** com.google.firebase.storage.StorageTask;  
**import** com.theartofdev.edmodo.cropper.CropImage;  
  
**import** java.util.HashMap;  
  
**import** de.hdodenhof.circleimageview.CircleImageView;  
  
**public class** AddNewDairyActivity **extends** AppCompatActivity {  
  
 **private** CircleImageView **profileImageView**;  
 **private** Button **CreateAccountButton**;  
 **private** EditText **InputName**, **InputPhoneNumber**, **InputPassword**, **InputAddress**, **InputDescription**;  
 **private** ProgressDialog **loadingBar**;  
 **private** TextView **profileChangeTextBtn**;  
  
 **private** Uri **imageUri**;  
 **private** String **myUrl** = **""**;  
 **private** StorageTask **uploadTask**;  
 **private** StorageReference **storageProfilePrictureRef**;  
 **private** String **checker** = **""**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_add\_new\_dairy***);  
  
 **storageProfilePrictureRef** = FirebaseStorage.*getInstance*().getReference().child(**"Profile pictures"**);  
  
 **profileImageView** = (CircleImageView) findViewById(R.id.***dairy\_profile\_image***);  
 **CreateAccountButton** = (Button) findViewById(R.id.***add\_dairy\_btn***);  
 **InputName** = (EditText) findViewById(R.id.***dairy\_name***);  
 **InputPassword** = (EditText) findViewById(R.id.***dairy\_password***);  
 **InputPhoneNumber** = (EditText) findViewById(R.id.***dairy\_phone\_number***);  
 **InputAddress** = (EditText) findViewById(R.id.***dairy\_address***);  
 **profileChangeTextBtn** = (TextView) findViewById(R.id.***dairy\_image\_change\_btn***);  
 **InputDescription** =(EditText) findViewById(R.id.***dairy\_info***);  
 **loadingBar** = **new** ProgressDialog(**this**);  
  
 **CreateAccountButton**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 CreateAccount();  
 }  
 });  
  
 **profileChangeTextBtn**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 **checker** = **"clicked"**;  
  
 CropImage.*activity*(**imageUri**)  
 .setAspectRatio(1, 1)  
 .start(AddNewDairyActivity.**this**);  
 }  
 });  
 }  
  
 **private void** CreateAccount() {  
 String name = **InputName**.getText().toString();  
 String phone = **InputPhoneNumber**.getText().toString();  
 String password = **InputPassword**.getText().toString();  
 String address = **InputAddress**.getText().toString();  
 String description = **InputDescription**.getText().toString();  
  
 **if** (TextUtils.*isEmpty*(name))  
 {  
 Toast.*makeText*(**this**, **"Please write your name..."**, Toast.***LENGTH\_SHORT***).show();  
 }  
 **else if** (TextUtils.*isEmpty*(phone))  
 {  
 Toast.*makeText*(**this**, **"Please write your phone number..."**, Toast.***LENGTH\_SHORT***).show();  
 }  
 **else if** (TextUtils.*isEmpty*(password))  
 {  
 Toast.*makeText*(**this**, **"Please write your password..."**, Toast.***LENGTH\_SHORT***).show();  
 }  
 **else if** (TextUtils.*isEmpty*(address))  
 {  
 Toast.*makeText*(**this**, **"Please write your address..."**, Toast.***LENGTH\_SHORT***).show();  
 }  
 **else if** (TextUtils.*isEmpty*(description))  
 {  
 Toast.*makeText*(**this**, **"Please dairy description..."**, Toast.***LENGTH\_SHORT***).show();  
 }  
 **else** {  
  
 uploadImage(phone);  
 **loadingBar**.setTitle(**"Create Account"**);  
 **loadingBar**.setMessage(**"Please wait, while we are checking the credentials."**);  
 **loadingBar**.setCanceledOnTouchOutside(**false**);  
 **loadingBar**.show();  
  
 ValidatephoneNumber(name, phone, password, address, description);  
  
 }  
 }  
  
 **private void** uploadImage(**final** String phone)  
 {  
 **final** ProgressDialog progressDialog = **new** ProgressDialog(**this**);  
 progressDialog.setTitle(**"Update Profile"**);  
 progressDialog.setMessage(**"Please wait, while we are updating your account information"**);  
 progressDialog.setCanceledOnTouchOutside(**false**);  
 progressDialog.show();  
  
 **if** (**imageUri** != **null**)  
 {  
 **final** StorageReference fileRef = **storageProfilePrictureRef** .child(phone + **".jpg"**);  
 **uploadTask** = fileRef.putFile(**imageUri**);  
  
 **uploadTask**.continueWithTask(**new** Continuation() {  
 @Override  
 **public** Object then(@NonNull Task task) **throws** Exception  
 {  
 **if** (!task.isSuccessful())  
 {  
 **throw** task.getException();  
 }  
  
 **return** fileRef.getDownloadUrl();  
 }  
 })  
 .addOnCompleteListener(**new** OnCompleteListener<Uri>() {  
 @Override  
 **public void** onComplete(@NonNull Task<Uri> task)  
 {  
 **if** (task.isSuccessful())  
 {  
 Uri downloadUrl = task.getResult();  
 **myUrl** = downloadUrl.toString();  
  
 DatabaseReference ref = FirebaseDatabase.*getInstance*().getReference().child(**"Admins"**);  
  
 HashMap<String, Object> userMap = **new** HashMap<>();  
 userMap. put(**"image"**, **myUrl**);  
 ref.child(phone).updateChildren(userMap);  
 progressDialog.dismiss();  
  
 startActivity(**new** Intent(AddNewDairyActivity.**this**, AdminCategoryActivity.**class**));  
 Toast.*makeText*(AddNewDairyActivity.**this**, **"Profile Info update successfully."**, Toast.***LENGTH\_SHORT***).show();  
 finish();  
 }  
 **else** {  
 progressDialog.dismiss();  
 Toast.*makeText*(AddNewDairyActivity.**this**, **"Error."**, Toast.***LENGTH\_SHORT***).show();  
 }  
 }  
 });  
 }  
 **else** {  
 Toast.*makeText*(**this**, **"image is not selected."**, Toast.***LENGTH\_SHORT***).show();  
 }  
 }  
  
  
 **private void** ValidatephoneNumber(**final** String name, **final** String phone, **final** String password, **final** String address, **final** String description) {  
 **final** DatabaseReference RootRef;  
 RootRef = FirebaseDatabase.*getInstance*().getReference();  
  
 RootRef.addListenerForSingleValueEvent(**new** ValueEventListener() {  
 @Override  
 **public void** onDataChange(@NonNull DataSnapshot dataSnapshot)  
 {  
 **if** (!(dataSnapshot.child(**"Admins"**).child(phone).exists()))  
 {  
 HashMap<String, Object> userdataMap = **new** HashMap<>();  
 userdataMap.put(**"phone"**, phone);  
 userdataMap.put(**"password"**, password);  
 userdataMap.put(**"name"**, name);  
 userdataMap.put(**"address"**,address);  
 userdataMap.put(**"description"**,description);  
  
 RootRef.child(**"Admins"**).child(phone).updateChildren(userdataMap)  
 .addOnCompleteListener(**new** OnCompleteListener<Void>() {  
 @Override  
 **public void** onComplete(@NonNull Task<Void> task)  
 {  
 **if** (task.isSuccessful())  
 {  
 Toast.*makeText*(AddNewDairyActivity.**this**, **"Congratulations, your Dairy Account has been created."**, Toast.***LENGTH\_SHORT***).show();  
 **loadingBar**.dismiss();  
  
 Intent intent = **new** Intent(AddNewDairyActivity.**this**, AdminCategoryActivity.**class**);  
 startActivity(intent);  
 }  
 **else** {  
 **loadingBar**.dismiss();  
 Toast.*makeText*(AddNewDairyActivity.**this**, **"Network Error: Please try again after some time..."**, Toast.***LENGTH\_SHORT***).show();  
 }  
 }  
 });  
 }  
 **else** {  
 Toast.*makeText*(AddNewDairyActivity.**this**, **"This "** + phone + **" already exists."**, Toast.***LENGTH\_SHORT***).show();  
 **loadingBar**.dismiss();  
 Toast.*makeText*(AddNewDairyActivity.**this**, **"Please try again using another phone number."**, Toast.***LENGTH\_SHORT***).show();  
  
 Intent intent = **new** Intent(AddNewDairyActivity.**this**, AddNewDairyActivity.**class**);  
 startActivity(intent);  
 }  
 }  
  
 @Override  
 **public void** onCancelled(@NonNull DatabaseError databaseError) {  
  
 }  
 });  
 }  
  
 @Override  
 **protected void** onActivityResult(**int** requestCode, **int** resultCode, Intent data)  
 {  
 **super**.onActivityResult(requestCode, resultCode, data);  
  
 **if** (requestCode==CropImage.***CROP\_IMAGE\_ACTIVITY\_REQUEST\_CODE*** && resultCode==***RESULT\_OK*** && data!=**null**)  
 {  
 CropImage.ActivityResult result = CropImage.*getActivityResult*(data);  
 **imageUri** = result.getUri();  
  
 **profileImageView**.setImageURI(**imageUri**);  
 }  
 **else** {  
 Toast.*makeText*(**this**, **"Error, Try Again."**, Toast.***LENGTH\_SHORT***).show();  
  
 startActivity(**new** Intent(AddNewDairyActivity.**this**, AddNewDairyActivity.**class**));  
 finish();  
 }  
 }  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **AdminAddNewProductActivity.java:-**

**package** com.example.dairyservices;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.app.ProgressDialog;  
**import** android.content.Intent;  
**import** android.net.Uri;  
**import** android.os.Bundle;  
**import** android.text.TextUtils;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.ImageView;  
**import** android.widget.Toast;  
  
**import** com.google.android.gms.tasks.Continuation;  
**import** com.google.android.gms.tasks.OnCompleteListener;  
**import** com.google.android.gms.tasks.OnFailureListener;  
**import** com.google.android.gms.tasks.OnSuccessListener;  
**import** com.google.android.gms.tasks.Task;  
**import** com.google.firebase.database.DatabaseReference;  
**import** com.google.firebase.database.FirebaseDatabase;  
**import** com.google.firebase.storage.FirebaseStorage;  
**import** com.google.firebase.storage.StorageReference;  
**import** com.google.firebase.storage.UploadTask;  
  
**import** java.text.SimpleDateFormat;  
**import** java.util.Calendar;  
**import** java.util.HashMap;  
  
**public class** AdminAddNewProductsActivity **extends** AppCompatActivity {  
  
 **private** String **CategoryName**, **Description**, **Price**, **Pname**, **saveCurrentDate**, **saveCurrentTime**;  
 **private** Button **AddNewProductButton**;  
 **private** ImageView **InputProductImage**;  
 **private** EditText **InputProductName**, **InputProductDescription**, **InputProductPrice**;  
 **private static final int *GalleryPick*** = 1;  
 **private** Uri **ImageUri**;  
 **private** String **productRandomKey**, **downloadImageUrl**;  
 **private** StorageReference **ProductImagesRef**;  
 **private** DatabaseReference **ProductsRef**;  
 **private** ProgressDialog **loadingBar**;  
  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState)  
 {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_admin\_add\_new\_products***);  
  
  
 **CategoryName** = getIntent().getExtras().get(**"category"**).toString();  
 **ProductImagesRef** = FirebaseStorage.*getInstance*().getReference().child(**"Product Images"**);  
 **ProductsRef** = FirebaseDatabase.*getInstance*().getReference().child(**"Products"**);  
  
  
 **AddNewProductButton** = (Button) findViewById(R.id.***add\_new\_product***);  
 **InputProductImage** = (ImageView) findViewById(R.id.***select\_product\_image***);  
 **InputProductName** = (EditText) findViewById(R.id.***product\_name***);  
 **InputProductDescription** = (EditText) findViewById(R.id.***product\_description***);  
 **InputProductPrice** = (EditText) findViewById(R.id.***product\_price***);  
 **loadingBar** = **new** ProgressDialog(**this**);  
  
  
 **InputProductImage**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 OpenGallery();  
 }  
 });  
  
  
 **AddNewProductButton**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 ValidateProductData();  
 }  
 });  
 }  
  
  
  
 **private void** OpenGallery()  
 {  
 Intent galleryIntent = **new** Intent();  
 galleryIntent.setAction(Intent.***ACTION\_GET\_CONTENT***);  
 galleryIntent.setType(**"image/\*"**);  
 startActivityForResult(galleryIntent, ***GalleryPick***);  
 }  
  
  
 @Override  
 **protected void** onActivityResult(**int** requestCode, **int** resultCode, Intent data)  
 {  
 **super**.onActivityResult(requestCode, resultCode, data);  
  
 **if** (requestCode==***GalleryPick*** && resultCode==***RESULT\_OK*** && data!=**null**)  
 {  
 **ImageUri** = data.getData();  
 **InputProductImage**.setImageURI(**ImageUri**);  
 }  
 }  
  
  
 **private void** ValidateProductData()  
 {  
 **Description** = **InputProductDescription**.getText().toString();  
 **Price** = **InputProductPrice**.getText().toString();  
 **Pname** = **InputProductName**.getText().toString();  
  
  
 **if** (**ImageUri** == **null**)  
 {  
 Toast.*makeText*(**this**, **"Product image is mandatory..."**, Toast.***LENGTH\_SHORT***).show();  
 }  
 **else if** (TextUtils.*isEmpty*(**Description**))  
 {  
 Toast.*makeText*(**this**, **"Please write product description..."**, Toast.***LENGTH\_SHORT***).show();  
 }  
 **else if** (TextUtils.*isEmpty*(**Price**))  
 {  
 Toast.*makeText*(**this**, **"Please write product Price..."**, Toast.***LENGTH\_SHORT***).show();  
 }  
 **else if** (TextUtils.*isEmpty*(**Pname**))  
 {  
 Toast.*makeText*(**this**, **"Please write product name..."**, Toast.***LENGTH\_SHORT***).show();  
 }  
 **else** {  
 StoreProductInformation();  
 }  
 }  
  
  
  
 **private void** StoreProductInformation()  
 {  
 **loadingBar**.setTitle(**"Add New Product"**);  
 **loadingBar**.setMessage(**"Dear Admin, please wait while we are adding the new product."**);  
 **loadingBar**.setCanceledOnTouchOutside(**false**);  
 **loadingBar**.show();  
  
 Calendar calendar = Calendar.*getInstance*();  
  
 SimpleDateFormat currentDate = **new** SimpleDateFormat(**"MMM dd, yyyy"**);  
 **saveCurrentDate** = currentDate.format(calendar.getTime());  
  
 SimpleDateFormat currentTime = **new** SimpleDateFormat(**"HH:mm:ss a"**);  
 **saveCurrentTime** = currentTime.format(calendar.getTime());  
  
 **productRandomKey** = **saveCurrentDate** + **saveCurrentTime**;  
  
  
 **final** StorageReference filePath = **ProductImagesRef**.child(**ImageUri**.getLastPathSegment() + **productRandomKey** + **".jpg"**);  
  
 **final** UploadTask uploadTask = filePath.putFile(**ImageUri**);  
  
  
 uploadTask.addOnFailureListener(**new** OnFailureListener() {  
 @Override  
 **public void** onFailure(@NonNull Exception e)  
 {  
 String message = e.toString();  
 Toast.*makeText*(AdminAddNewProductsActivity.**this**, **"Error: "** + message, Toast.***LENGTH\_SHORT***).show();  
 **loadingBar**.dismiss();  
 }  
 }).addOnSuccessListener(**new** OnSuccessListener<UploadTask.TaskSnapshot>() {  
 @Override  
 **public void** onSuccess(UploadTask.TaskSnapshot taskSnapshot)  
 {  
 Toast.*makeText*(AdminAddNewProductsActivity.**this**, **"Product Image uploaded Successfully..."**, Toast.***LENGTH\_SHORT***).show();  
  
 Task<Uri> urlTask = uploadTask.continueWithTask(**new** Continuation<UploadTask.TaskSnapshot, Task<Uri>>() {  
 @Override  
 **public** Task<Uri> then(@NonNull Task<UploadTask.TaskSnapshot> task) **throws** Exception  
 {  
 **if** (!task.isSuccessful())  
 {  
 **throw** task.getException();  
 }  
  
 **downloadImageUrl** = filePath.getDownloadUrl().toString();  
 **return** filePath.getDownloadUrl();  
 }  
 }).addOnCompleteListener(**new** OnCompleteListener<Uri>() {  
 @Override  
 **public void** onComplete(@NonNull Task<Uri> task)  
 {  
 **if** (task.isSuccessful())  
 {  
 **downloadImageUrl** = task.getResult().toString();  
  
 Toast.*makeText*(AdminAddNewProductsActivity.**this**, **"got the Product image Url Successfully..."**, Toast.***LENGTH\_SHORT***).show();  
  
 SaveProductInfoToDatabase();  
 }  
 }  
 });  
 }  
 });  
 }  
  
  
  
 **private void** SaveProductInfoToDatabase()  
 {  
 HashMap<String, Object> productMap = **new** HashMap<>();  
 productMap.put(**"pid"**, **productRandomKey**);  
 productMap.put(**"date"**, **saveCurrentDate**);  
 productMap.put(**"time"**, **saveCurrentTime**);  
 productMap.put(**"description"**, **Description**);  
 productMap.put(**"image"**, **downloadImageUrl**);  
 productMap.put(**"category"**, **CategoryName**);  
 productMap.put(**"price"**, **Price**);  
 productMap.put(**"pname"**, **Pname**);  
  
 **ProductsRef**.child(**productRandomKey**).updateChildren(productMap)  
 .addOnCompleteListener(**new** OnCompleteListener<Void>() {  
 @Override  
 **public void** onComplete(@NonNull Task<Void> task)  
 {  
 **if** (task.isSuccessful())  
 {  
 Intent intent = **new** Intent(AdminAddNewProductsActivity.**this**, AdminCategoryActivity.**class**);  
 startActivity(intent);  
  
 **loadingBar**.dismiss();  
 Toast.*makeText*(AdminAddNewProductsActivity.**this**, **"Product is added successfully.."**, Toast.***LENGTH\_SHORT***).show();  
 }  
 **else** {  
 **loadingBar**.dismiss();  
 String message = task.getException().toString();  
 Toast.*makeText*(AdminAddNewProductsActivity.**this**, **"Error: "** + message, Toast.***LENGTH\_SHORT***).show();  
 }  
 }  
 });  
 }  
  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **AdminCategoryActivity.java:-**

**package** com.example.dairyservices;  
  
**import** androidx.appcompat.app.AppCompatActivity;  
**import** androidx.cardview.widget.CardView;  
  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.ImageView;  
  
**public class** AdminCategoryActivity **extends** AppCompatActivity {  
  
 **private** CardView **tShirts**, **sportsTShirts**, **femaleDresses**;  
 **private** CardView **glasses**, **hatsCaps**, **walletsBagsPurses**;  
 **private** CardView **headPhonesHandFree**, **Laptops**, **watches**;  
  
 **private** Button **LogoutBtn**, **CheckOrdersBtn**, **maintainProductsBtn**,**addNewDaityBtn**;  
  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState)  
 {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_admin\_category***);  
  
  
 **LogoutBtn** = (Button) findViewById(R.id.***admin\_logout\_btn***);  
 **CheckOrdersBtn** = (Button) findViewById(R.id.***check\_orders\_btn***);  
 **maintainProductsBtn** = (Button) findViewById(R.id.***maintain\_btn***);  
 **addNewDaityBtn** = (Button) findViewById(R.id.***add\_new\_dairy\_btn***);  
  
  
 **addNewDaityBtn**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 Intent intent = **new** Intent(AdminCategoryActivity.**this**, AddNewDairyActivity.**class**);  
 intent.putExtra(**"Admin"**, **"Admin"**);  
 startActivity(intent);  
 }  
 });  
  
 **maintainProductsBtn**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 Intent intent = **new** Intent(AdminCategoryActivity.**this**, HomeActivity.**class**);  
 intent.putExtra(**"Admin"**, **"Admin"**);  
 startActivity(intent);  
 }  
 });  
  
  
 **LogoutBtn**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 Intent intent = **new** Intent(AdminCategoryActivity.**this**, MainActivity.**class**);  
 intent.addFlags(Intent.***FLAG\_ACTIVITY\_CLEAR\_TASK*** | Intent.***FLAG\_ACTIVITY\_CLEAR\_TASK***);  
 startActivity(intent);  
 finish();  
 }  
 });  
  
 **CheckOrdersBtn**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 Intent intent = **new** Intent(AdminCategoryActivity.**this**, AdminNewOrdersActivity.**class**);  
 intent.putExtra(**"dairy"**,getIntent().getStringExtra(**"dairy"**));  
 intent.putExtra(**"phone"**,getIntent().getStringExtra(**"phone"**));  
 startActivity(intent);  
 }  
 });  
  
  
 **tShirts** = (CardView) findViewById(R.id.***t\_shirts***);  
 **sportsTShirts** = (CardView) findViewById(R.id.***sports\_t\_shirts***);  
 **femaleDresses** = (CardView) findViewById(R.id.***female\_dresses***);  
  
  
 **glasses** = (CardView) findViewById(R.id.***glasses***);  
 **hatsCaps** = (CardView) findViewById(R.id.***hats\_caps***);  
 **walletsBagsPurses** = (CardView) findViewById(R.id.***purses\_bags\_wallets***);  
  
  
 **headPhonesHandFree** = (CardView) findViewById(R.id.***headphones\_handfree***);  
 **Laptops** = (CardView) findViewById(R.id.***laptop\_pc***);  
 **watches** = (CardView) findViewById(R.id.***watches***);  
  
 **tShirts**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 Intent intent = **new** Intent(AdminCategoryActivity.**this**, AdminAddNewProductsActivity.**class**);  
 intent.putExtra(**"category"**, **"Milk"**);  
 startActivity(intent);  
 }  
 });  
  
  
 **sportsTShirts**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 Intent intent = **new** Intent(AdminCategoryActivity.**this**, AdminAddNewProductsActivity.**class**);  
 intent.putExtra(**"category"**, **"Yogurt"**);  
 startActivity(intent);  
 }  
 });  
  
  
 **femaleDresses**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 Intent intent = **new** Intent(AdminCategoryActivity.**this**, AdminAddNewProductsActivity.**class**);  
 intent.putExtra(**"category"**, **"Fermented milk"**);  
 startActivity(intent);  
 }  
 });  
  
  
 **glasses**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 Intent intent = **new** Intent(AdminCategoryActivity.**this**, AdminAddNewProductsActivity.**class**);  
 intent.putExtra(**"category"**, **"Milk Cream"**);  
 startActivity(intent);  
 }  
 });  
  
  
 hatsCaps.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 Intent intent = **new** Intent(AdminCategoryActivity.**this**, AdminAddNewProductsActivity.**class**);  
 intent.putExtra(**"category"**, **"Milk Powder"**);  
 startActivity(intent);  
 }  
 });  
  
  
  
 walletsBagsPurses.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 Intent intent = **new** Intent(AdminCategoryActivity.**this**, AdminAddNewProductsActivity.**class**);  
 intent.putExtra(**"category"**, **"Wallets Bags Purses"**);  
 startActivity(intent);  
 }  
 });  
  
 headPhonesHandFree.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 Intent intent = **new** Intent(AdminCategoryActivity.**this**, AdminAddNewProductsActivity.**class**);  
 intent.putExtra(**"category"**, **"Ice Cream"**);  
 startActivity(intent);  
 }  
 });  
  
  
 Laptops.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 Intent intent = **new** Intent(AdminCategoryActivity.**this**, AdminAddNewProductsActivity.**class**);  
 intent.putExtra(**"category"**, **"Badam Milk"**);  
 startActivity(intent);  
 }  
 });  
  
  
 watches.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 Intent intent = **new** Intent(AdminCategoryActivity.**this**, AdminAddNewProductsActivity.**class**);  
 intent.putExtra(**"category"**, **"Cheese and Butter"**);  
 startActivity(intent);  
 }  
 });  
  
 }  
  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **AdminMaintainProductsActivity.java:-**

**package** com.example.dairyservices;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.ImageView;  
**import** android.widget.Toast;  
  
**import** com.google.android.gms.tasks.OnCompleteListener;  
**import** com.google.android.gms.tasks.Task;  
**import** com.google.firebase.database.DataSnapshot;  
**import** com.google.firebase.database.DatabaseError;  
**import** com.google.firebase.database.DatabaseReference;  
**import** com.google.firebase.database.FirebaseDatabase;  
**import** com.google.firebase.database.ValueEventListener;  
**import** com.squareup.picasso.Picasso;  
  
**import** java.util.HashMap;  
  
**public class** AdminMaintainProductsActivity **extends** AppCompatActivity {  
  
 **private** Button **applyChangesBtn**, **deleteBtn**;  
 **private** EditText **name**, **price**, **description**;  
 **private** ImageView **imageView**;  
  
 **private** String **productID** = **""**;  
 **private** DatabaseReference **productsRef**;  
  
  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState)  
 {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_admin\_maintain\_products***);  
  
  
 **productID** = getIntent().getStringExtra(**"pid"**);  
 **productsRef** = FirebaseDatabase.*getInstance*().getReference().child(**"Products"**).child(**productID**);  
  
  
  
 **applyChangesBtn** = findViewById(R.id.***apply\_changes\_btn***);  
 **name** = findViewById(R.id.***product\_name\_maintain***);  
 **price** = findViewById(R.id.***product\_price\_maintain***);  
 **description** = findViewById(R.id.***product\_description\_maintain***);  
 **imageView** = findViewById(R.id.***product\_image\_maintain***);  
 **deleteBtn** = findViewById(R.id.***delete\_product\_btn***);  
  
  
 displaySpecificProductInfo();  
  
  
  
 **applyChangesBtn**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 applyChanges();  
 }  
 });  
  
  
 **deleteBtn**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 deleteThisProduct();  
 }  
 });  
 }  
  
  
  
  
  
 **private void** deleteThisProduct()  
 {  
 **productsRef**.removeValue().addOnCompleteListener(**new** OnCompleteListener<Void>() {  
 @Override  
 **public void** onComplete(@NonNull Task<Void> task)  
 {  
 Intent intent = **new** Intent(AdminMaintainProductsActivity.**this**, AdminCategoryActivity.**class**);  
 startActivity(intent);  
 finish();  
  
 Toast.*makeText*(AdminMaintainProductsActivity.**this**, **"The Product Is deleted successfully."**, Toast.***LENGTH\_SHORT***).show();  
 }  
 });  
 }  
  
  
  
  
  
 **private void** applyChanges()  
 {  
 String pName = **name**.getText().toString();  
 String pPrice = **price**.getText().toString();  
 String pDescription = **description**.getText().toString();  
  
 **if** (pName.equals(**""**))  
 {  
 Toast.*makeText*(**this**, **"Write down Product Name."**, Toast.***LENGTH\_SHORT***).show();  
 }  
 **else if** (pPrice.equals(**""**))  
 {  
 Toast.*makeText*(**this**, **"Write down Product Price."**, Toast.***LENGTH\_SHORT***).show();  
 }  
 **else if** (pDescription.equals(**""**))  
 {  
 Toast.*makeText*(**this**, **"Write down Product Description."**, Toast.***LENGTH\_SHORT***).show();  
 }  
 **else** {  
 HashMap<String, Object> productMap = **new** HashMap<>();  
 productMap.put(**"pid"**, **productID**);  
 productMap.put(**"description"**, pDescription);  
 productMap.put(**"price"**, pPrice);  
 productMap.put(**"pname"**, pName);  
  
 **productsRef**.updateChildren(productMap).addOnCompleteListener(**new** OnCompleteListener<Void>() {  
 @Override  
 **public void** onComplete(@NonNull Task<Void> task)  
 {  
 **if** (task.isSuccessful())  
 {  
 Toast.*makeText*(AdminMaintainProductsActivity.**this**, **"Changes applied successfully."**, Toast.***LENGTH\_SHORT***).show();  
  
 Intent intent = **new** Intent(AdminMaintainProductsActivity.**this**, AdminCategoryActivity.**class**);  
 startActivity(intent);  
 finish();  
 }  
 }  
 });  
 }  
 }  
  
  
  
  
  
 **private void** displaySpecificProductInfo()  
 {  
 **productsRef**.addValueEventListener(**new** ValueEventListener() {  
 @Override  
 **public void** onDataChange(DataSnapshot dataSnapshot)  
 {  
 **if** (dataSnapshot.exists())  
 {  
 String pName = dataSnapshot.child(**"pname"**).getValue().toString();  
 String pPrice = dataSnapshot.child(**"price"**).getValue().toString();  
 String pDescription = dataSnapshot.child(**"description"**).getValue().toString();  
 String pImage = dataSnapshot.child(**"image"**).getValue().toString();  
  
  
 **name**.setText(pName);  
 **price**.setText(pPrice);  
 **description**.setText(pDescription);  
 Picasso.*get*().load(pImage).into(**imageView**);  
 }  
 }  
  
 @Override  
 **public void** onCancelled(DatabaseError databaseError) {  
  
 }  
 });  
 }  
  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **AdminNewOrdersActivity.java:-**

**package** com.example.dairyservices;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.appcompat.app.AlertDialog;  
**import** androidx.appcompat.app.AppCompatActivity;  
**import** androidx.recyclerview.widget.LinearLayoutManager;  
**import** androidx.recyclerview.widget.RecyclerView;  
  
**import** android.content.DialogInterface;  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
**import** android.widget.Button;  
**import** android.widget.RelativeLayout;  
**import** android.widget.TextView;  
**import** android.widget.Toast;  
  
**import** com.example.dairyservices.Model.AdminOrders;  
**import** com.firebase.ui.database.FirebaseRecyclerAdapter;  
**import** com.firebase.ui.database.FirebaseRecyclerOptions;  
**import** com.google.firebase.database.DataSnapshot;  
**import** com.google.firebase.database.DatabaseError;  
**import** com.google.firebase.database.DatabaseReference;  
**import** com.google.firebase.database.FirebaseDatabase;  
**import** com.google.firebase.database.ValueEventListener;  
  
**public class** AdminNewOrdersActivity **extends** AppCompatActivity {  
  
 **private** RecyclerView **ordersList**;  
 **private** DatabaseReference **ordersRef**;  
 **private** String **name1**,**name2**,**phone**;  
 **int flag**;  
  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState)  
 {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_admin\_new\_orders***);  
  
  
 **ordersRef** = FirebaseDatabase.*getInstance*().getReference().child(**"Orders"**);  
  
  
 **ordersList** = findViewById(R.id.***orders\_list***);  
 **ordersList**.setLayoutManager(**new** LinearLayoutManager(**this**));  
 **name1**=getIntent().getStringExtra(**"dairy"**);  
 **phone**=getIntent().getStringExtra(**"phone"**);  
 }  
  
  
 @Override  
 **protected void** onStart() {  
 **super**.onStart();  
 **flag**=0;  
  
  
 FirebaseRecyclerOptions<AdminOrders> options =  
 **new** FirebaseRecyclerOptions.Builder<AdminOrders>()  
 .setQuery(**ordersRef**, AdminOrders.**class**)  
 .build();  
  
 **final** FirebaseRecyclerAdapter<AdminOrders, AdminOrdersViewHolder> adapter =  
 **new** FirebaseRecyclerAdapter<AdminOrders, AdminOrdersViewHolder>(options) {  
 @Override  
 **protected void** onBindViewHolder(@NonNull AdminOrdersViewHolder holder, **final int** position, @NonNull **final** AdminOrders model) {  
 **if**(**name1**.equals(model.getDairy())) {  
 **flag**=1;  
 holder.**userName**.setText(**"Name: "** + model.getName());  
 holder.**userPhoneNumber**.setText(**"Phone: "** + model.getPhone());  
 holder.**userTotalPrice**.setText(**"Total Amount = ₹ "** + model.getTotalAmount());  
 holder.**userDateTime**.setText(**"Order at: "** + model.getDate() + **" "** + model.getTime());  
 holder.**userShippingAddress**.setText(**"Shipping Address: "** + model.getAddress() + **", "** + model.getCity());  
  
 holder.**ShowOrdersBtn**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view) {  
 String uID = getRef(position).getKey();  
  
 Intent intent = **new** Intent(AdminNewOrdersActivity.**this**, AdminUserProductsActivity.**class**);  
 intent.putExtra(**"uid"**, uID);  
 startActivity(intent);  
 }  
  
 });  
  
 holder.**itemView**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view) {  
 CharSequence options[] = **new** CharSequence[]  
 {  
 **"Yes"**,  
 **"No"** };  
  
 AlertDialog.Builder builder = **new** AlertDialog.Builder(AdminNewOrdersActivity.**this**);  
 builder.setTitle(**"Have you shipped this order products ?"**);  
  
 builder.setItems(options, **new** DialogInterface.OnClickListener() {  
 @Override  
 **public void** onClick(DialogInterface dialogInterface, **int** i) {  
 **if** (i == 0) {  
 String uID = getRef(position).getKey();  
  
 RemoverOrder(uID);  
 } **else** {  
 finish();  
 }  
 }  
 });  
 builder.show();  
 }  
 });  
 }  
 **else** {  
 holder.**relativeLayout**.setVisibility(View.***INVISIBLE***);  
 **if**(**flag**==0) {  
 Toast.*makeText*(AdminNewOrdersActivity.**this**, **"No Received Orders Yet"**, Toast.***LENGTH\_SHORT***).show();  
 }  
 }  
  
 }  
  
 @NonNull  
 @Override  
 **public** AdminOrdersViewHolder onCreateViewHolder(@NonNull ViewGroup parent, **int** viewType) {  
 View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.***orders\_layout***, parent, **false**);  
 **return new** AdminOrdersViewHolder(view);  
 }  
 };  
  
 **ordersList**.setAdapter(adapter);  
 adapter.startListening();  
 }  
  
  
  
  
 **public static class** AdminOrdersViewHolder **extends** RecyclerView.ViewHolder  
 {  
 **public** TextView **userName**, **userPhoneNumber**, **userTotalPrice**, **userDateTime**, **userShippingAddress**;  
 **public** Button **ShowOrdersBtn**;  
 **public** RelativeLayout **relativeLayout**;  
  
 **public** AdminOrdersViewHolder(View itemView)  
 {  
 **super**(itemView);  
  
  
 **userName** = itemView.findViewById(R.id.***order\_user\_name***);  
 **userPhoneNumber** = itemView.findViewById(R.id.***order\_phone\_number***);  
 **userTotalPrice** = itemView.findViewById(R.id.***order\_total\_price***);  
 **userDateTime** = itemView.findViewById(R.id.***order\_date\_time***);  
 **userShippingAddress** = itemView.findViewById(R.id.***order\_address\_city***);  
 **ShowOrdersBtn** = itemView.findViewById(R.id.***show\_all\_products\_btn***);  
 **relativeLayout**=itemView.findViewById(R.id.***order\_layout***);  
 }  
 }  
  
  
  
  
 **private void** RemoverOrder(String uID)  
 {  
 **ordersRef**.child(uID).removeValue();  
 }  
  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **AdminUserProductsActivity.java:-**

**package** com.example.dairyservices;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.appcompat.app.AppCompatActivity;  
**import** androidx.recyclerview.widget.LinearLayoutManager;  
**import** androidx.recyclerview.widget.RecyclerView;  
  
**import** android.os.Bundle;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
  
**import** com.example.dairyservices.Model.Cart;  
**import** com.example.dairyservices.ViewHolder.CartViewHolder;  
**import** com.firebase.ui.database.FirebaseRecyclerAdapter;  
**import** com.firebase.ui.database.FirebaseRecyclerOptions;  
**import** com.google.firebase.database.DatabaseReference;  
**import** com.google.firebase.database.FirebaseDatabase;  
  
**public class** AdminUserProductsActivity **extends** AppCompatActivity {  
  
 **private** RecyclerView **productsList**;  
 RecyclerView.LayoutManager **layoutManager**;  
 **private** DatabaseReference **cartListRef**;  
  
 **private** String **userID** = **""**;  
  
  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState)  
 {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_admin\_user\_products***);  
  
  
 **userID** = getIntent().getStringExtra(**"uid"**);  
  
  
 **productsList** = findViewById(R.id.***products\_list***);  
 **productsList**.setHasFixedSize(**true**);  
 **layoutManager** = **new** LinearLayoutManager(**this**);  
 **productsList**.setLayoutManager(**layoutManager**);  
  
  
 **cartListRef** = FirebaseDatabase.*getInstance*().getReference()  
 .child(**"Cart List"**).child(**"Admin View"**).child(**userID**).child(**"Products"**);  
 }  
  
  
 @Override  
 **protected void** onStart()  
 {  
 **super**.onStart();  
  
  
 FirebaseRecyclerOptions<Cart> options =  
 **new** FirebaseRecyclerOptions.Builder<Cart>()  
 .setQuery(**cartListRef**, Cart.**class**)  
 .build();  
  
 FirebaseRecyclerAdapter<Cart, CartViewHolder> adapter = **new** FirebaseRecyclerAdapter<Cart, CartViewHolder>(options) {  
 @Override  
 **protected void** onBindViewHolder(@NonNull CartViewHolder holder, **int** position, @NonNull Cart model)  
 {  
 holder.**txtProductQuantity**.setText(**"Quantity = "** + model.getQuantity());  
 holder.**txtProductPrice**.setText(**"Price "** + model.getPrice() + **" ₹ "**);  
 holder.**txtProductName**.setText(model.getPname());  
 }  
  
 @NonNull  
 @Override  
 **public** CartViewHolder onCreateViewHolder(@NonNull ViewGroup parent, **int** viewType)  
 {  
 View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.***cart\_items\_layout***, parent, **false**);  
 CartViewHolder holder = **new** CartViewHolder(view);  
 **return** holder;  
 }  
 };  
  
 **productsList**.setAdapter(adapter);  
 adapter.startListening();  
 }  
  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **CartActivity.java:-**

**package** com.example.dairyservices;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.appcompat.app.AlertDialog;  
**import** androidx.appcompat.app.AppCompatActivity;  
**import** androidx.recyclerview.widget.LinearLayoutManager;  
**import** androidx.recyclerview.widget.RecyclerView;  
  
**import** android.annotation.SuppressLint;  
**import** android.content.DialogInterface;  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
**import** android.widget.Button;  
**import** android.widget.TextView;  
**import** android.widget.Toast;  
  
**import** com.example.dairyservices.Model.Cart;  
**import** com.example.dairyservices.Prevalent.Prevalent;  
**import** com.example.dairyservices.ViewHolder.CartViewHolder;  
**import** com.firebase.ui.database.FirebaseRecyclerAdapter;  
**import** com.firebase.ui.database.FirebaseRecyclerOptions;  
**import** com.google.android.gms.tasks.OnCompleteListener;  
**import** com.google.android.gms.tasks.Task;  
**import** com.google.firebase.database.DataSnapshot;  
**import** com.google.firebase.database.DatabaseError;  
**import** com.google.firebase.database.DatabaseReference;  
**import** com.google.firebase.database.FirebaseDatabase;  
**import** com.google.firebase.database.ValueEventListener;  
  
**public class** CartActivity **extends** AppCompatActivity {  
  
 **private** RecyclerView **recyclerView**;  
 **private** RecyclerView.LayoutManager **layoutManager**;  
  
 **private** Button **NextProcessBtn**;  
 **private** TextView **txtTotalAmount**, **txtMsg1**;  
 **private** String **ss**,**ss1**;  
 **private int overTotalPrice** = 0;  
  
  
  
 @SuppressLint(**"SetTextI18n"**)  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState)  
 {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_cart***);  
  
  
 **recyclerView** = findViewById(R.id.***cart\_list***);  
 **recyclerView**.setHasFixedSize(**true**);  
 **layoutManager** = **new** LinearLayoutManager(**this**);  
 **recyclerView**.setLayoutManager(**layoutManager**);  
  
 **NextProcessBtn** = (Button) findViewById(R.id.***next\_btn***);  
 **txtTotalAmount** = (TextView) findViewById(R.id.***total\_price***);  
 **txtMsg1** = (TextView) findViewById(R.id.***msg1***);  
  
 **NextProcessBtn**.setOnClickListener(**new** View.OnClickListener() {  
 @SuppressLint(**"SetTextI18n"**)  
 @Override  
 **public void** onClick(View view)  
 {  
 **if**(**overTotalPrice**!=0) {  
 Intent intent = **new** Intent(CartActivity.**this**, ConfirmFinalOrderActivity.**class**);  
 intent.putExtra(**"Total Price"**, String.*valueOf*(**overTotalPrice**));  
 startActivity(intent);  
 finish();  
 }  
 **else**{  
 Toast.*makeText*(CartActivity.**this**, **"Please Select a product First"**, Toast.***LENGTH\_SHORT***).show();  
 }  
 }  
 });  
 }  
  
  
 @Override  
 **protected void** onStart()  
 {  
 **super**.onStart();  
  
 CheckOrderState();  
  
  
 **final** DatabaseReference cartListRef = FirebaseDatabase.*getInstance*().getReference().child(**"Cart List"**);  
  
 FirebaseRecyclerOptions<Cart> options =  
 **new** FirebaseRecyclerOptions.Builder<Cart>()  
 .setQuery(cartListRef.child(**"User View"**)  
 .child(Prevalent.*currentOnlineUser*.getPhone())  
 .child(**"Products"**), Cart.**class**)  
 .build();  
  
 FirebaseRecyclerAdapter<Cart, CartViewHolder> adapter  
 = **new** FirebaseRecyclerAdapter<Cart, CartViewHolder>(options) {  
 @SuppressLint(**"SetTextI18n"**)  
 @Override  
 **protected void** onBindViewHolder(@NonNull CartViewHolder holder, **int** position, @NonNull **final** Cart model)  
 {  
 holder.**txtProductQuantity**.setText(**"Quantity = "** + model.getQuantity());  
 holder.**txtProductPrice**.setText(**"Price "** +**" ₹"**+model.getPrice());  
 holder.**txtProductName**.setText(model.getPname());  
  
 **int** oneTyprProductTPrice = ((Integer.*parseInt*(model.getPrice()))) \* Integer.*parseInt*(model.getQuantity());  
 **overTotalPrice** = **overTotalPrice** + oneTyprProductTPrice;  
  
 holder.**itemView**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 CharSequence options[] = **new** CharSequence[]  
 {  
 **"Edit"**,  
 **"Remove"** };  
 AlertDialog.Builder builder = **new** AlertDialog.Builder(CartActivity.**this**);  
 builder.setTitle(**"Cart Options:"**);  
  
 builder.setItems(options, **new** DialogInterface.OnClickListener() {  
 @Override  
 **public void** onClick(DialogInterface dialogInterface, **int** i)  
 {  
 **if** (i == 0)  
 {  
 Intent intent = **new** Intent(CartActivity.**this**, ProductDetailsActivity.**class**);  
 intent.putExtra(**"pid"**, model.getPid());  
 startActivity(intent);  
 }  
 **if** (i == 1)  
 {  
 cartListRef.child(**"User View"**)  
 .child(Prevalent.*currentOnlineUser*.getPhone())  
 .child(**"Products"**)  
 .child(model.getPid())  
 .removeValue()  
 .addOnCompleteListener(**new** OnCompleteListener<Void>() {  
 @Override  
 **public void** onComplete(@NonNull Task<Void> task)  
 {  
 **if** (task.isSuccessful())  
 {  
 Toast.*makeText*(CartActivity.**this**, **"Item removed successfully."**, Toast.***LENGTH\_SHORT***).show();  
  
 Intent intent = **new** Intent(CartActivity.**this**, HomeActivity.**class**);  
 startActivity(intent);  
 }  
 }  
 });  
 }  
 }  
 });  
 builder.show();  
 }  
 });  
 **txtTotalAmount**.setText(**"Total Price = ₹ "** + **overTotalPrice**);  
 }  
  
 @NonNull  
 @Override  
 **public** CartViewHolder onCreateViewHolder(@NonNull ViewGroup parent, **int** viewType)  
 {  
 View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.***cart\_items\_layout***, parent, **false**);  
 CartViewHolder holder = **new** CartViewHolder(view);  
 **return** holder;  
 }  
 };  
  
 **recyclerView**.setAdapter(adapter);  
 adapter.startListening();  
 }  
  
  
  
 **private void** CheckOrderState()  
 {  
 DatabaseReference ordersRef;  
 ordersRef = FirebaseDatabase.*getInstance*().getReference().child(**"Orders"**).child(Prevalent.*currentOnlineUser*.getPhone());  
  
 ordersRef.addValueEventListener(**new** ValueEventListener() {  
 @Override  
 **public void** onDataChange(DataSnapshot dataSnapshot)  
 {  
 **if** (dataSnapshot.exists())  
 {  
 String shippingState = dataSnapshot.child(**"state"**).getValue().toString();  
 String userName = dataSnapshot.child(**"name"**).getValue().toString();  
  
 **if** (shippingState.equals(**"shipped"**))  
 {  
 **txtTotalAmount**.setText(**"Dear "** + userName + **"\n order is shipped successfully."**);  
 **recyclerView**.setVisibility(View.***GONE***);  
  
 **txtMsg1**.setVisibility(View.***VISIBLE***);  
 **txtMsg1**.setText(**"Congratulations, your final order has been Shipped successfully. Soon you will received your order at your door step."**);  
 **NextProcessBtn**.setVisibility(View.***GONE***);  
  
 Toast.*makeText*(CartActivity.**this**, **"you can purchase more products, once you received your first final order."**, Toast.***LENGTH\_SHORT***).show();  
 }  
 **else if**(shippingState.equals(**"not shipped"**))  
 {  
 **txtTotalAmount**.setText(**"Shipping State = Not Shipped"**);  
 **recyclerView**.setVisibility(View.***GONE***);  
  
 **txtMsg1**.setVisibility(View.***VISIBLE***);  
 **NextProcessBtn**.setVisibility(View.***GONE***);  
  
 Toast.*makeText*(CartActivity.**this**, **"you can purchase more products, once you received your first final order."**, Toast.***LENGTH\_SHORT***).show();  
 }  
 }  
 }  
  
 @Override  
 **public void** onCancelled(DatabaseError databaseError) {  
  
 }  
 });  
 }  
  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **ConfirmFinalOrderActivity.java:-**

**package** com.example.dairyservices;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.appcompat.app.AppCompatActivity;  
**import** androidx.core.app.ActivityCompat;  
**import** androidx.core.content.ContextCompat;  
  
**import** android.Manifest;  
**import** android.content.Context;  
**import** android.content.Intent;  
**import** android.content.pm.PackageManager;  
**import** android.os.Bundle;  
**import** android.telephony.SmsManager;  
**import** android.text.TextUtils;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.TextView;  
**import** android.widget.Toast;  
  
**import** com.example.dairyservices.Prevalent.Prevalent;  
**import** com.google.android.gms.tasks.OnCompleteListener;  
**import** com.google.android.gms.tasks.Task;  
**import** com.google.firebase.database.DatabaseReference;  
**import** com.google.firebase.database.FirebaseDatabase;  
  
**import** java.text.SimpleDateFormat;  
**import** java.util.Calendar;  
**import** java.util.HashMap;  
  
**public class** ConfirmFinalOrderActivity **extends** AppCompatActivity {  
  
 **private** EditText **nameEditText**, **phoneEditText**, **addressEditText**, **cityEditText**;  
 **private** Button **confirmOrderBtn**,**selectedDairyBtn**;  
 **private** TextView **selectedDairy**;  
 **private** String **totalAmount** = **""**,**dairyname**,**phone**,**message**;  
  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState)  
 {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_confirm\_final\_order***);  
  
 **dairyname**=getIntent().getStringExtra(**"dairyname"**);  
 **totalAmount** = getIntent().getStringExtra(**"Total Price"**);  
 Toast.*makeText*(**this**, **"Total Price = ₹ "** + **totalAmount**, Toast.***LENGTH\_SHORT***).show();  
  
  
 **confirmOrderBtn** = (Button) findViewById(R.id.***confirm\_final\_order\_btn***);  
 **nameEditText** = (EditText) findViewById(R.id.***shippment\_name***);  
 **phoneEditText** = (EditText) findViewById(R.id.***shippment\_phone\_number***);  
 **addressEditText** = (EditText) findViewById(R.id.***shippment\_address***);  
 **cityEditText** = (EditText) findViewById(R.id.***shippment\_city***);  
 **selectedDairy**=(TextView) findViewById(R.id.***selected\_dairy\_name***);  
 **selectedDairyBtn**=(Button)findViewById(R.id.***select\_dairy\_btn***);  
  
 **selectedDairyBtn**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent=**new** Intent(ConfirmFinalOrderActivity.**this**,OurSellers.**class**);  
 intent.putExtra(**"amount"**,**totalAmount**);  
 startActivity(intent);  
 }  
 });  
 **selectedDairy**.setText(**dairyname**);  
  
 **confirmOrderBtn**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 Check();  
 }  
 });  
 }  
  
  
  
 **private void** Check()  
 {  
 **if** (TextUtils.*isEmpty*(**nameEditText**.getText().toString()))  
 {  
 Toast.*makeText*(**this**, **"Please provide your full name."**, Toast.***LENGTH\_SHORT***).show();  
 }  
 **else if** (TextUtils.*isEmpty*(**phoneEditText**.getText().toString()))  
 {  
 Toast.*makeText*(**this**, **"Please provide your phone number."**, Toast.***LENGTH\_SHORT***).show();  
 }  
 **else if** (TextUtils.*isEmpty*(**addressEditText**.getText().toString()))  
 {  
 Toast.*makeText*(**this**, **"Please provide your address."**, Toast.***LENGTH\_SHORT***).show();  
 }  
 **else if** (TextUtils.*isEmpty*(**cityEditText**.getText().toString()))  
 {  
 Toast.*makeText*(**this**, **"Please provide your city name."**, Toast.***LENGTH\_SHORT***).show();  
 }  
 **else if** (TextUtils.*isEmpty*(**selectedDairy**.getText().toString()))  
 {  
 Toast.*makeText*(**this**, **"Please Select a Dairy First"**, Toast.***LENGTH\_SHORT***).show();  
 }  
 **else** {  
 **phone**=getIntent().getStringExtra(**"phonee"**);  
 ConfirmOrder();  
 }  
 }  
  
  
  
 **private void** ConfirmOrder()  
 {  
 **final** String saveCurrentDate, saveCurrentTime;  
  
 Calendar calForDate = Calendar.*getInstance*();  
 SimpleDateFormat currentDate = **new** SimpleDateFormat(**"MMM dd, yyyy"**);  
 saveCurrentDate = currentDate.format(calForDate.getTime());  
  
 SimpleDateFormat currentTime = **new** SimpleDateFormat(**"HH:mm:ss a"**);  
 saveCurrentTime = currentDate.format(calForDate.getTime());  
  
 **final** DatabaseReference ordersRef = FirebaseDatabase.*getInstance*().getReference()  
 .child(**"Orders"**)  
 .child(Prevalent.*currentOnlineUser*.getPhone());  
  
 HashMap<String, Object> ordersMap = **new** HashMap<>();  
 ordersMap.put(**"totalAmount"**, **totalAmount**);  
 ordersMap.put(**"name"**, **nameEditText**.getText().toString());  
 ordersMap.put(**"phone"**, **phoneEditText**.getText().toString());  
 ordersMap.put(**"address"**, **addressEditText**.getText().toString());  
 ordersMap.put(**"city"**, **cityEditText**.getText().toString());  
 ordersMap.put(**"date"**, saveCurrentDate);  
 ordersMap.put(**"time"**, saveCurrentTime);  
 ordersMap.put(**"state"**, **"not shipped"**);  
 ordersMap.put(**"dairy"**,**dairyname**);  
  
  
 ordersRef.updateChildren(ordersMap).addOnCompleteListener(**new** OnCompleteListener<Void>() {  
 @Override  
 **public void** onComplete(@NonNull Task<Void> task)  
 {  
 **if** (task.isSuccessful())  
 {  
 FirebaseDatabase.*getInstance*().getReference()  
 .child(**"Cart List"**)  
 .child(**"User View"**)  
 .child(Prevalent.*currentOnlineUser*.getPhone())  
 .removeValue()  
 .addOnCompleteListener(**new** OnCompleteListener<Void>() {  
 @Override  
 **public void** onComplete(@NonNull Task<Void> task)  
 {  
 **if** (task.isSuccessful())  
 {  
 sendMessage();  
 Toast.*makeText*(ConfirmFinalOrderActivity.**this**, **"your final order has been placed successfully."**, Toast.***LENGTH\_SHORT***).show();  
 Intent intent = **new** Intent(ConfirmFinalOrderActivity.**this**, HomeActivity.**class**);  
 intent.addFlags(Intent.***FLAG\_ACTIVITY\_CLEAR\_TASK*** | Intent.***FLAG\_ACTIVITY\_CLEAR\_TASK***);  
 startActivity(intent);  
 finish();  
 }  
 }  
 });  
 }  
 }  
 });  
 }  
  
 **private void** sendMessage() {  
 **message**=**"You Have a New Order:\n\nName:- "**+**nameEditText**.getText().toString()+**"\nPhone Number:- "** +**phoneEditText**.getText().toString()+**"\nAddress:- "**+**addressEditText**.getText().toString()+**"\nCity:- "** + **cityEditText**.getText().toString();  
  
 **int** permission= ContextCompat.*checkSelfPermission*(**this**, Manifest.permission.***SEND\_SMS***);  
  
 **if** (permission== PackageManager.***PERMISSION\_GRANTED***){  
 SmsManager smsManager=SmsManager.*getDefault*();  
 smsManager.sendTextMessage(**phone**,**null**,**message**,**null**,**null**);  
 }  
 **else** {  
 ActivityCompat.*requestPermissions*(**this**,**new** String[]{Manifest.permission.***SEND\_SMS***},0);  
 **try** {  
 Thread.*sleep*(9000);  
 }  
 **catch** (Exception ignored){  
  
 }  
 Toast.*makeText*(ConfirmFinalOrderActivity.**this**,**"Please Wait For a Moment You Will be Redirected"**,Toast.***LENGTH\_LONG***).show();  
 }  
  
 }  
  
 @Override  
 **public void** onRequestPermissionsResult(**int** requestCode, @NonNull String[] permissions, @NonNull **int**[] grantResults) {  
 **super**.onRequestPermissionsResult(requestCode, permissions, grantResults);  
  
 **switch** (requestCode){  
  
 **case** 0:  
 **if** (grantResults.**length** >=0 && grantResults[0]==PackageManager.***PERMISSION\_GRANTED***){  
 SmsManager smsManager=SmsManager.*getDefault*();  
 smsManager.sendTextMessage(**phone**,**null**,**message**,**null**,**null**);  
 }  
 **else** {  
 Toast.*makeText*(ConfirmFinalOrderActivity.**this**,**"You Don't Have Required Permission To Send a Message"**,Toast.***LENGTH\_LONG***).show();  
 }  
 }  
  
 }  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **DairyDetails.java:-**

**package** com.example.dairyservices;  
  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.ImageView;  
**import** android.widget.TextView;  
**import** android.widget.Toast;  
  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** com.squareup.picasso.Picasso;  
  
**public class** DairyDetails **extends** AppCompatActivity {  
  
 **private** String **img**;  
 **private** String **name**;  
 **private** String **address**;  
 **private** String **description**;  
 **private** Intent **intent**;  
  
 **private** ImageView **image**;  
 **private** TextView **nam**;  
 **private** TextView **add**;  
 **private** TextView **des**;  
 **private** Button **select**;  
  
  
  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_seller\_details***);  
  
 **image**=findViewById(R.id.***seller\_image\_details***);  
 **nam**=findViewById(R.id.***seller\_name\_details***);  
 **add**=findViewById(R.id.***seller\_addres\_details***);  
 **des**=findViewById(R.id.***dairy\_description\_details***);  
 **select**=findViewById(R.id.***seller\_add\_button***);  
  
 **name**=getIntent().getStringExtra(**"name"**);  
 **img**=getIntent().getStringExtra(**"image"**);  
 **description**=getIntent().getStringExtra(**"descrip"**);  
 **address**=getIntent().getStringExtra(**"address"**);  
  
  
 Picasso.*get*().load(**img**).into(**image**);  
 **nam**.setText(**name**);  
 **des**.setText(**description**);  
 **add**.setText(**address**);  
  
 **select**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 **if** (getIntent().getStringExtra(**"price"**) != **null**) {  
 Intent intent = **new** Intent(DairyDetails.**this**, ConfirmFinalOrderActivity.**class**);  
 intent.putExtra(**"dairyname"**, **name**);  
 intent.putExtra(**"phonee"**,getIntent().getStringExtra(**"phonee"**));  
 intent.putExtra(**"Total Price"**, getIntent().getStringExtra(**"price"**));  
 startActivity(intent);  
 }  
 **else** {  
 Toast.*makeText*(DairyDetails.**this**,**"Please Select a Product First"**,Toast.***LENGTH\_SHORT***).show();  
 }  
 }  
 });  
  
 }  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **HomeActivity.java:-**

**package** com.example.dairyservices;  
  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.view.LayoutInflater;  
**import** android.view.MenuItem;  
**import** android.view.View;  
**import** android.view.Menu;  
**import** android.view.ViewGroup;  
**import** android.widget.TextView;  
**import** android.widget.Toast;  
  
**import** com.denzcoskun.imageslider.ImageSlider;  
**import** com.denzcoskun.imageslider.models.SlideModel;  
**import** com.example.dairyservices.Model.Products;  
**import** com.example.dairyservices.Prevalent.Prevalent;  
**import** com.example.dairyservices.ViewHolder.ProductViewHolder;  
**import** com.firebase.ui.database.FirebaseRecyclerAdapter;  
**import** com.firebase.ui.database.FirebaseRecyclerOptions;  
**import** com.google.android.material.floatingactionbutton.FloatingActionButton;  
**import** com.google.android.material.snackbar.Snackbar;  
**import** com.google.android.material.navigation.NavigationView;  
**import** com.google.firebase.database.DatabaseReference;  
**import** com.google.firebase.database.FirebaseDatabase;  
**import** com.squareup.picasso.Picasso;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.appcompat.app.ActionBarDrawerToggle;  
**import** androidx.core.view.GravityCompat;  
**import** androidx.navigation.NavController;  
**import** androidx.navigation.Navigation;  
**import** androidx.navigation.ui.AppBarConfiguration;  
**import** androidx.navigation.ui.NavigationUI;  
**import** androidx.drawerlayout.widget.DrawerLayout;  
**import** androidx.appcompat.app.AppCompatActivity;  
**import** androidx.appcompat.widget.Toolbar;  
**import** androidx.recyclerview.widget.LinearLayoutManager;  
**import** androidx.recyclerview.widget.RecyclerView;  
  
**import** java.util.ArrayList;  
**import** java.util.List;  
  
**import** de.hdodenhof.circleimageview.CircleImageView;  
**import** io.paperdb.Paper;  
  
**public class** HomeActivity **extends** AppCompatActivity **implements** NavigationView.OnNavigationItemSelectedListener {  
  
 **private** AppBarConfiguration **mAppBarConfiguration**;  
 **private** DatabaseReference **ProductsRef**;  
 **private** RecyclerView **recyclerView**;  
 RecyclerView.LayoutManager **layoutManager**;  
  
 **private** String **type** = **""**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_home***);  
  
 Intent intent = getIntent();  
 Bundle bundle = intent.getExtras();  
 **if** (bundle != **null**)  
 {  
 **type** = getIntent().getExtras().get(**"Admin"**).toString();  
 }  
  
 **ProductsRef** = FirebaseDatabase.*getInstance*().getReference().child(**"Products"**);  
 Paper.*init*(**this**);  
  
 Toolbar toolbar = findViewById(R.id.***toolbar***);  
 toolbar.setTitle(**"Home"**);  
 setSupportActionBar(toolbar);  
 FloatingActionButton fab = findViewById(R.id.***fab***);  
 fab.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view) {  
 Intent intent = **new** Intent(HomeActivity.**this**, CartActivity.**class**);  
 startActivity(intent);  
 }  
 });  
 DrawerLayout drawer = findViewById(R.id.***drawer\_layout***);  
  
 ActionBarDrawerToggle toggle = **new** ActionBarDrawerToggle(  
 **this**, drawer, toolbar, R.string.***navigation\_drawer\_open***, R.string.***navigation\_drawer\_close***);  
 drawer.addDrawerListener(toggle);  
 toggle.syncState();  
  
  
 NavigationView navigationView =(NavigationView) findViewById(R.id.***nav\_view***);  
 navigationView.setNavigationItemSelectedListener(**this**);  
  
 View headerView = navigationView.getHeaderView(0);  
 TextView userNameTextView = headerView.findViewById(R.id.***user\_profile\_name***);  
 CircleImageView profileImageView = headerView.findViewById(R.id.***user\_profile\_image***);  
  
 **if** (!**type**.equals(**"Admin"**))  
 {  
 userNameTextView.setText(Prevalent.*currentOnlineUser*.getName());  
 Picasso.*get*().load(Prevalent.*currentOnlineUser*.getImage()).placeholder(R.drawable.***profile***).into(profileImageView);  
 }  
  
 ImageSlider img1 = findViewById(R.id.***slider1***);  
 List<SlideModel> slideModels1 = **new** ArrayList<>();  
 slideModels1.add(**new** SlideModel(**"https://ithinklogistics.com/blog/wp-content/uploads/2019/07/cropped-shipping-products-from-home.jpg"**,**"Easy Delivery Of Products"**));  
 slideModels1.add(**new** SlideModel(**"https://www.verywellfit.com/thmb/bux2qKNIKWiwPLU3d5GpPjcWbdE=/1500x1000/filters:fill(FFDB5D,1)/coconut-milk\_annotated-8b864d23e7ef4c238cb956eaf5462f22.jpg"**,**"Quality Products"**));  
 slideModels1.add(**new** SlideModel(**"https://image.freepik.com/free-photo/30-percent-off-promotion\_2227-146.jpg"**,**"Only For 5 days"**));  
 slideModels1.add(**new** SlideModel(**"https://www.brundamilkcart.com/uploads/pages/WhatsApp\_Image\_2020-05-16\_at\_9\_15\_39\_AM.jpeg"**,**"Offer Until 31st May"**));  
 slideModels1.add(**new** SlideModel(**"https://www.verywellfit.com/thmb/hZw-djVaza-dDkyLKLseV\_rd53Y=/1500x1000/filters:fill(FFDB5D,1)/cottage-cheese\_annotated2-c5d7204446c14744b9fb1e277e06768c.jpg"**,**"Cottage Cheese Available"**));  
 slideModels1.add(**new** SlideModel(**"https://i2.wp.com/www.eatthis.com/wp-content/uploads/2020/01/how-to-make-a-milkshake-5.jpg?fit=1200%2C879&ssl=1"**,**"Milk Shakes Available"**));  
 slideModels1.add(**new** SlideModel(**"https://fiverrtutorial.com/wp-content/uploads/2013/12/top-seller-stamp.jpg"**,**"Trusted Sellers"**));  
 slideModels1.add(**new** SlideModel(**"https://www.printvenue.com/static/f50-1st-user-mob"**,**"Offers For New Customers"**));  
 slideModels1.add(**new** SlideModel(**"https://blog.insideview.com/wp-content/uploads/2012/07/increase-sales.jpeg"**,**"Increase Productivity"**));  
 slideModels1.add(**new** SlideModel(**"https://lh3.googleusercontent.com/proxy/s7BmnbGZr0Zltxab4jELTtoUW\_DSzdHgFbQCPAtgzr8WJjIwId8SHbZBTKs4vAkASOgoDJSZQ2UrvhKLpcFOnE3AIOgZCfYdEngrcGK2eYjxMjqSsXA"**,**""**));  
  
 img1.setImageList(slideModels1,**true**);  
  
 **recyclerView** = findViewById(R.id.***recycler\_menu***);  
 *//recyclerView.setHasFixedSize(true);* **layoutManager** = **new** LinearLayoutManager(**this**);  
 **recyclerView**.setLayoutManager(**layoutManager**);  
  
 FirebaseRecyclerOptions<Products> options =  
 **new** FirebaseRecyclerOptions.Builder<Products>()  
 .setQuery(**ProductsRef**, Products.**class**)  
 .build();  
  
  
 FirebaseRecyclerAdapter<Products, ProductViewHolder> adapter =  
 **new** FirebaseRecyclerAdapter<Products, ProductViewHolder>(options) {  
 @Override  
 **protected void** onBindViewHolder(@NonNull ProductViewHolder holder, **int** position, @NonNull **final** Products model)  
 {  
 holder.**txtProductName**.setText(model.getPname());  
 *//holder.txtProductDescription.setText(model.getDescription());* holder.**txtProductPrice**.setText(**"Price = "** +**" ₹"**+ model.getPrice());  
 Picasso.*get*().load(model.getImage()).into(holder.**imageView**);  
  
  
 holder.**itemView**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 **if** (**type**.equals(**"Admin"**))  
 {  
 Intent intent = **new** Intent(HomeActivity.**this**, AdminMaintainProductsActivity.**class**);  
 intent.putExtra(**"pid"**, model.getPid());  
 startActivity(intent);  
 }  
 **else** {  
 Intent intent = **new** Intent(HomeActivity.**this**, ProductDetailsActivity.**class**);  
 intent.putExtra(**"pid"**, model.getPid());  
 startActivity(intent);  
 }  
 }  
 });  
 }  
  
 @NonNull  
 @Override  
 **public** ProductViewHolder onCreateViewHolder(@NonNull ViewGroup parent, **int** viewType)  
 {  
 View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.***product\_items\_layout***, parent, **false**);  
 ProductViewHolder holder = **new** ProductViewHolder(view);  
 **return** holder;  
 }  
 };  
 **recyclerView**.setAdapter(adapter);  
 adapter.startListening();  
 }  
  
 @Override  
 **protected void** onStart()  
 {  
 **super**.onStart();  
  
  
 }  
 @Override  
 **public void** onBackPressed() {  
 DrawerLayout drawer = (DrawerLayout) findViewById(R.id.***drawer\_layout***);  
 **if** (drawer.isDrawerOpen(GravityCompat.***START***)) {  
 drawer.closeDrawer(GravityCompat.***START***);  
 } **else** {  
 **super**.onBackPressed();  
 }  
 }  
  
  
 @Override  
 **public boolean** onCreateOptionsMenu(Menu menu) {  
 *// Inflate the menu; this adds items to the action bar if it is present.* getMenuInflater().inflate(R.menu.***home***, menu);  
 **return true**;  
 }  
  
 @Override  
 **public boolean** onSupportNavigateUp() {  
 NavController navController = Navigation.*findNavController*(**this**, R.id.***product\_view***);  
 **return** NavigationUI.*navigateUp*(navController, **mAppBarConfiguration**)  
 || **super**.onSupportNavigateUp();  
 }  
  
 @Override  
 **public boolean** onNavigationItemSelected(@NonNull MenuItem item) {  
 *// Handle navigation view item clicks here.* **int** id = item.getItemId();  
  
 **if** (id == R.id.***nav\_cart***)  
 {  
 **if** (!**type**.equals(**"Admin"**))  
 {  
 Intent intent = **new** Intent(HomeActivity.**this**, CartActivity.**class**);  
 startActivity(intent);  
 }  
 }  
 **else if** (id == R.id.***nav\_search***)  
 {  
 **if** (!**type**.equals(**"Admin"**))  
 {  
 Intent intent = **new** Intent(HomeActivity.**this**, SearchProductsActivity.**class**);  
 startActivity(intent);  
 }  
 }  
  
 **else if** (id==R.id.***oursellers***)  
 {  
 Intent intent = **new** Intent(HomeActivity.**this**, OurSellers.**class**);  
 startActivity(intent);  
 }  
 **else if** (id == R.id.***nav\_settings***)  
 {  
 **if** (!**type**.equals(**"Admin"**))  
 {  
 Intent intent = **new** Intent(HomeActivity.**this**, SettingsActivity.**class**);  
 startActivity(intent);  
 }  
 }  
 **else if** (id == R.id.***nav\_logout***)  
 {  
 **if** (!**type**.equals(**"Admin"**))  
 {  
 Paper.*book*().destroy();  
  
 Intent intent = **new** Intent(HomeActivity.**this**, MainActivity.**class**);  
 intent.addFlags(Intent.***FLAG\_ACTIVITY\_NEW\_TASK*** | Intent.***FLAG\_ACTIVITY\_CLEAR\_TASK***);  
 startActivity(intent);  
 finish();  
 }  
 }  
 **else if** ((id==R.id.***maps***))  
 {  
 **if**(!**type**.equals(**"Admin"**)) {  
 Toast.*makeText*(HomeActivity.**this**, **"Please Turn on Internet and Location for better experience"**,  
 Toast.***LENGTH\_LONG***).show();  
 Intent intent = getPackageManager().getLaunchIntentForPackage(**"com.google.android.apps.maps"**);  
 startActivity(intent);  
 }  
 **else** {  
 Toast.*makeText*(**this**,**"This Option is Only User Not for Admins"**,Toast.***LENGTH\_LONG***).show();  
 }  
 }  
  
 DrawerLayout drawer = (DrawerLayout) findViewById(R.id.***drawer\_layout***);  
 drawer.closeDrawer(GravityCompat.***START***);  
 **return true**;  
 }  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **LoginActivity.java:-**

**package** com.example.dairyservices;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.app.ProgressDialog;  
**import** android.content.Context;  
**import** android.content.Intent;  
**import** android.net.ConnectivityManager;  
**import** android.net.NetworkInfo;  
**import** android.os.Bundle;  
**import** android.text.TextUtils;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.TextView;  
**import** android.widget.Toast;  
  
**import** com.example.dairyservices.Model.Users;  
**import** com.example.dairyservices.Prevalent.Prevalent;  
**import** com.google.firebase.database.DataSnapshot;  
**import** com.google.firebase.database.DatabaseError;  
**import** com.google.firebase.database.DatabaseReference;  
**import** com.google.firebase.database.FirebaseDatabase;  
**import** com.google.firebase.database.ValueEventListener;  
**import** com.rey.material.widget.CheckBox;  
  
**import** io.paperdb.Paper;  
  
**public class** LoginActivity **extends** AppCompatActivity {  
  
 **private** EditText **InputPhoneNumber**, **InputPassword**;  
 **private** Button **LoginButton**;  
 **private** ProgressDialog **loadingBar**;  
 **private** TextView **AdminLink**, **NotAdminLink**, **ForgetPasswordLink**;  
 **private** NetworkInfo **networkInfo**;  
  
 **private** String **parentDbName** = **"Users"**;  
 **private** CheckBox **chkBoxRememberMe**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_login***);  
 ConnectivityManager connectivityManager=(ConnectivityManager) getSystemService(Context.***CONNECTIVITY\_SERVICE***);  
 **networkInfo**=connectivityManager.getActiveNetworkInfo();  
 **LoginButton** = (Button) findViewById(R.id.***login\_btn***);  
 **InputPassword** = (EditText) findViewById(R.id.***login\_password\_input***);  
 **InputPhoneNumber** = (EditText) findViewById(R.id.***login\_phone\_number\_input***);  
 **AdminLink** = (TextView) findViewById(R.id.***admin\_panel\_link***);  
 **NotAdminLink** = (TextView) findViewById(R.id.***not\_admin\_panel\_link***);  
 **ForgetPasswordLink** = findViewById(R.id.***forget\_password\_link***);  
 **loadingBar** = **new** ProgressDialog(**this**);  
  
 **chkBoxRememberMe** = (CheckBox) findViewById(R.id.***remember\_me\_chkb***);  
 Paper.*init*(**this**);  
  
  
 **LoginButton**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 LoginUser();  
 }  
 });  
  
 **AdminLink**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 **LoginButton**.setText(**"Login Admin"**);  
 **AdminLink**.setVisibility(View.***INVISIBLE***);  
 **NotAdminLink**.setVisibility(View.***VISIBLE***);  
 **parentDbName** = **"Admins"**;  
 }  
 });  
  
 **NotAdminLink**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 **LoginButton**.setText(**"Login"**);  
 **AdminLink**.setVisibility(View.***VISIBLE***);  
 **NotAdminLink**.setVisibility(View.***INVISIBLE***);  
 **parentDbName** = **"Users"**;  
 }  
 });  
  
 **ForgetPasswordLink**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 ConnectivityManager connectivityManager=(ConnectivityManager) getSystemService(Context.***CONNECTIVITY\_SERVICE***);  
 **networkInfo**=connectivityManager.getActiveNetworkInfo();  
 **if** (**networkInfo**!=**null** && **networkInfo**.isConnected()) {  
 Intent intent = **new** Intent(LoginActivity.**this**, ResetPasswordActivity.**class**);  
 intent.putExtra(**"check"**, **"login"**);  
 startActivity(intent);  
 }  
 **else** {  
 Toast.*makeText*(LoginActivity.**this**,**"Please Turn on the internet connection first"**,Toast.***LENGTH\_LONG***).show();  
 }  
 }  
 });  
 }  
  
 **private void** LoginUser() {  
 String phone = **InputPhoneNumber**.getText().toString();  
 String password = **InputPassword**.getText().toString();  
 ConnectivityManager connectivityManager=(ConnectivityManager) getSystemService(Context.***CONNECTIVITY\_SERVICE***);  
 **networkInfo**=connectivityManager.getActiveNetworkInfo();  
 **if** (**networkInfo**!=**null** && **networkInfo**.isConnected()) {  
 **if** (TextUtils.*isEmpty*(phone)) {  
 Toast.*makeText*(**this**, **"Please write your phone number..."**, Toast.***LENGTH\_SHORT***).show();  
 } **else if** (TextUtils.*isEmpty*(password)) {  
 Toast.*makeText*(**this**, **"Please write your password..."**, Toast.***LENGTH\_SHORT***).show();  
 } **else** {  
 **loadingBar**.setTitle(**"Login Account"**);  
 **loadingBar**.setMessage(**"Please wait, while we are checking the credentials."**);  
 **loadingBar**.setCanceledOnTouchOutside(**false**);  
 **loadingBar**.show();  
  
  
 AllowAccessToAccount(phone, password);  
 }  
 }  
 **else**{  
 Toast.*makeText*(LoginActivity.**this**,**"Please Turn on the internet connection first"**,Toast.***LENGTH\_LONG***).show();  
 }  
 }  
  
  
  
 **private void** AllowAccessToAccount(**final** String phone, **final** String password)  
 {  
 **if**(**chkBoxRememberMe**.isChecked())  
 {  
 Paper.*book*().write(Prevalent.***UserPhoneKey***, phone);  
 Paper.*book*().write(Prevalent.***UserPasswordKey***, password);  
 }  
  
  
 **final** DatabaseReference RootRef;  
 RootRef = FirebaseDatabase.*getInstance*().getReference();  
  
 RootRef.addListenerForSingleValueEvent(**new** ValueEventListener() {  
 @Override  
 **public void** onDataChange(@NonNull DataSnapshot dataSnapshot)  
 {  
 **if** (dataSnapshot.child(**parentDbName**).child(phone).exists())  
 {  
 Users usersData = dataSnapshot.child(**parentDbName**).child(phone).getValue(Users.**class**);  
  
 **if** (usersData.getPhone().equals(phone))  
 {  
 **if** (usersData.getPassword().equals(password))  
 {  
 **if** (**parentDbName**.equals(**"Admins"**))  
 {  
  
 Toast.*makeText*(LoginActivity.**this**, **"Welcome Admin, you are logged in Successfully..."**, Toast.***LENGTH\_SHORT***).show();  
 **loadingBar**.dismiss();  
  
 Intent intent = **new** Intent(LoginActivity.**this**, AdminCategoryActivity.**class**);  
 intent.putExtra(**"dairy"**,usersData.getName());  
 intent.putExtra(**"phone"**,usersData.getPhone());  
 startActivity(intent);  
 }  
 **else if** (**parentDbName**.equals(**"Users"**))  
 {  
 Toast.*makeText*(LoginActivity.**this**, **"logged in Successfully..."**, Toast.***LENGTH\_SHORT***).show();  
 **loadingBar**.dismiss();  
  
 Intent intent = **new** Intent(LoginActivity.**this**, HomeActivity.**class**);  
 Prevalent.*currentOnlineUser* = usersData;  
 startActivity(intent);  
 }  
 }  
 **else** {  
 **loadingBar**.dismiss();  
 Toast.*makeText*(LoginActivity.**this**, **"Password is incorrect."**, Toast.***LENGTH\_SHORT***).show();  
 }  
 }  
 }  
 **else** {  
 Toast.*makeText*(LoginActivity.**this**, **"Account with this "** + phone + **" number do not exists."**, Toast.***LENGTH\_SHORT***).show();  
 **loadingBar**.dismiss();  
 }  
 }  
  
 @Override  
 **public void** onCancelled(@NonNull DatabaseError databaseError) {  
  
 }  
 });  
  
 }  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **MainActivity.java:-**

**package** com.example.dairyservices;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.app.ProgressDialog;  
**import** android.content.Context;  
**import** android.content.Intent;  
**import** android.net.ConnectivityManager;  
**import** android.net.NetworkInfo;  
**import** android.os.Bundle;  
**import** android.text.TextUtils;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.Toast;  
  
**import** com.example.dairyservices.Model.Users;  
**import** com.example.dairyservices.Prevalent.Prevalent;  
**import** com.google.firebase.database.DataSnapshot;  
**import** com.google.firebase.database.DatabaseError;  
**import** com.google.firebase.database.DatabaseReference;  
**import** com.google.firebase.database.FirebaseDatabase;  
**import** com.google.firebase.database.ValueEventListener;  
  
**import** io.paperdb.Paper;  
  
**public class** MainActivity **extends** AppCompatActivity {  
  
 **private** Button **joinNowButton**, **loginButton**;  
 **private** ProgressDialog **loadingBar**;  
 **private** NetworkInfo **networkInfo**;  
  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState)  
 {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
  
  
 **joinNowButton** = (Button) findViewById(R.id.***main\_join\_now\_btn***);  
 **loginButton** = (Button) findViewById(R.id.***main\_login\_btn***);  
 **loadingBar** = **new** ProgressDialog(**this**);  
  
  
 Paper.*init*(**this**);  
  
  
 **loginButton**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 Intent intent = **new** Intent(MainActivity.**this**, LoginActivity.**class**);  
 startActivity(intent);  
 }  
 });  
  
  
 **joinNowButton**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 Intent intent = **new** Intent(MainActivity.**this**, RegisterActivity.**class**);  
 startActivity(intent);  
 }  
 });  
  
  
 String UserPhoneKey = Paper.*book*().read(Prevalent.***UserPhoneKey***);  
 String UserPasswordKey = Paper.*book*().read(Prevalent.***UserPasswordKey***);  
 ConnectivityManager connectivityManager=(ConnectivityManager) getSystemService(Context.***CONNECTIVITY\_SERVICE***);  
 **networkInfo**=connectivityManager.getActiveNetworkInfo();  
 **if** (**networkInfo**!=**null** && **networkInfo**.isConnected()) {  
 **if** (UserPhoneKey != **""** && UserPasswordKey != **""**) {  
 **if** (!TextUtils.*isEmpty*(UserPhoneKey) && !TextUtils.*isEmpty*(UserPasswordKey)) {  
 AllowAccess(UserPhoneKey, UserPasswordKey);  
  
 **loadingBar**.setTitle(**"Already Logged in"**);  
 **loadingBar**.setMessage(**"Please wait....."**);  
 **loadingBar**.setCanceledOnTouchOutside(**false**);  
 **loadingBar**.show();  
 }  
 }  
 }  
 **else** {  
 Toast.*makeText*(MainActivity.**this**,**"Please Turn on the internet connection first"**,Toast.***LENGTH\_LONG***).show();  
 }  
 }  
  
  
  
 **private void** AllowAccess(**final** String phone, **final** String password)  
 {  
 **final** DatabaseReference RootRef;  
 RootRef = FirebaseDatabase.*getInstance*().getReference();  
  
  
 RootRef.addListenerForSingleValueEvent(**new** ValueEventListener() {  
 @Override  
 **public void** onDataChange(@NonNull DataSnapshot dataSnapshot)  
 {  
 **if** (dataSnapshot.child(**"Users"**).child(phone).exists())  
 {  
 Users usersData = dataSnapshot.child(**"Users"**).child(phone).getValue(Users.**class**);  
  
 **if** (usersData.getPhone().equals(phone))  
 {  
 **if** (usersData.getPassword().equals(password))  
 {  
 Toast.*makeText*(MainActivity.**this**, **"Please wait, you are already logged in..."**, Toast.***LENGTH\_SHORT***).show();  
 **loadingBar**.dismiss();  
  
 Intent intent = **new** Intent(MainActivity.**this**, HomeActivity.**class**);  
 Prevalent.*currentOnlineUser* = usersData;  
 startActivity(intent);  
 }  
 **else** {  
 **loadingBar**.dismiss();  
 Toast.*makeText*(MainActivity.**this**, **"Password is incorrect."**, Toast.***LENGTH\_SHORT***).show();  
 }  
 }  
 }  
 **else** {  
 Toast.*makeText*(MainActivity.**this**, **"Account with this "** + phone + **" number do not exists."**, Toast.***LENGTH\_SHORT***).show();  
 **loadingBar**.dismiss();  
 }  
 }  
  
 @Override  
 **public void** onCancelled(@NonNull DatabaseError databaseError) {  
  
 }  
 });  
 }  
  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **OurSellers.java:-**

**package** com.example.dairyservices;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.appcompat.app.AppCompatActivity;  
**import** androidx.recyclerview.widget.LinearLayoutManager;  
**import** androidx.recyclerview.widget.RecyclerView;  
  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
  
**import** com.example.dairyservices.Model.Admins;  
**import** com.example.dairyservices.Model.Products;  
**import** com.example.dairyservices.ViewHolder.CartViewHolder;  
**import** com.example.dairyservices.ViewHolder.ProductViewHolder;  
**import** com.example.dairyservices.ViewHolder.SellerViewHolder;  
**import** com.firebase.ui.database.FirebaseRecyclerAdapter;  
**import** com.firebase.ui.database.FirebaseRecyclerOptions;  
**import** com.google.firebase.database.DataSnapshot;  
**import** com.google.firebase.database.DatabaseError;  
**import** com.google.firebase.database.DatabaseReference;  
**import** com.google.firebase.database.FirebaseDatabase;  
**import** com.google.firebase.database.ValueEventListener;  
**import** com.squareup.picasso.Picasso;  
  
**public class** OurSellers **extends** AppCompatActivity {  
  
 **private** RecyclerView **recyclerView**;  
 **private** RecyclerView.LayoutManager **layoutManager**;  
 **private** DatabaseReference **AdminsRef**;  
 **private** String **dis**;  
  
 String **type** =**""**;  
 String **amount**=**""**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_our\_sellers***);  
  
 Intent intent = getIntent();  
 Bundle bundle = intent.getExtras();  
 **if** (bundle != **null**) {  
 **try** {  
 **type** = getIntent().getExtras().get(**"Admins"**).toString();  
 }  
 **catch** (NullPointerException ignored){  
  
 }  
 }  
 **amount**=getIntent().getStringExtra(**"amount"**);  
 **AdminsRef** = FirebaseDatabase.*getInstance*().getReference().child(**"Admins"**);  
  
 **recyclerView** = findViewById(R.id.***recycler\_seller***);  
 **recyclerView**.setHasFixedSize(**true**);  
 **layoutManager** = **new** LinearLayoutManager(**this**);  
 **recyclerView**.setLayoutManager(**layoutManager**);  
  
 FirebaseRecyclerOptions<Admins> options =  
 **new** FirebaseRecyclerOptions.Builder<Admins>()  
 .setQuery(**AdminsRef**, Admins.**class**)  
 .build();  
  
 FirebaseRecyclerAdapter<Admins, SellerViewHolder> adapter =  
 **new** FirebaseRecyclerAdapter<Admins, SellerViewHolder>(options) {  
 **protected void** onBindViewHolder(@NonNull SellerViewHolder holder, **int** position, @NonNull **final** Admins model)  
 {  
 holder.**txtDairyName**.setText(model.getName());  
 Picasso.*get*().load(model.getImage()).into(holder.**imageView**);  
  
  
 holder.**itemView**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view) {  
 **if** (**type**.equals(**"Admins"**)) {  
 Intent intent = **new** Intent(OurSellers.**this**, AdminMaintainProductsActivity.**class**);  
 intent.putExtra(**"name"**,model.getName());  
 startActivity(intent);  
 } **else** {  
  
 DatabaseReference r=FirebaseDatabase.*getInstance*().getReference().child(**"Admins"**);  
 r.child(model.getPhone()).addValueEventListener(**new** ValueEventListener() {  
 @Override  
 **public void** onDataChange(@NonNull DataSnapshot dataSnapshot) {  
 **dis**=dataSnapshot.child(**"description"**).getValue().toString();  
 Intent intent = **new** Intent(OurSellers.**this**, DairyDetails.**class**);  
 intent.putExtra(**"name"**,model.getName());  
 intent.putExtra(**"image"**,model.getImage());  
 intent.putExtra(**"phonee"**,model.getPhone());  
 intent.putExtra(**"descrip"**,**dis**);  
 intent.putExtra(**"address"**,model.getAddress());  
 intent.putExtra(**"price"**,**amount**);  
 startActivity(intent);  
 }  
  
 @Override  
 **public void** onCancelled(@NonNull DatabaseError databaseError) {  
  
 }  
 });  
  
 }  
 }  
 });  
 }  
 **public** SellerViewHolder onCreateViewHolder(@NonNull ViewGroup parent, **int** viewType)  
 {  
 View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.***seller\_items\_layout***, parent, **false**);  
 SellerViewHolder holder = **new** SellerViewHolder(view);  
 **return** holder;  
 }  
 };  
 **recyclerView**.setAdapter(adapter);  
 adapter.startListening();  
 }  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **ProductDetailsActivity.java:-**

**package** com.example.dairyservices;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.appcompat.app.AppCompatActivity;  
**import** androidx.core.view.GravityCompat;  
**import** androidx.drawerlayout.widget.DrawerLayout;  
  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.ImageView;  
**import** android.widget.TextView;  
**import** android.widget.Toast;  
  
**import** com.cepheuen.elegantnumberbutton.view.ElegantNumberButton;  
**import** com.example.dairyservices.Model.Products;  
**import** com.example.dairyservices.Prevalent.Prevalent;  
**import** com.google.android.gms.tasks.OnCompleteListener;  
**import** com.google.android.gms.tasks.Task;  
**import** com.google.firebase.database.DataSnapshot;  
**import** com.google.firebase.database.DatabaseError;  
**import** com.google.firebase.database.DatabaseReference;  
**import** com.google.firebase.database.FirebaseDatabase;  
**import** com.google.firebase.database.ValueEventListener;  
**import** com.squareup.picasso.Picasso;  
  
**import** java.text.SimpleDateFormat;  
**import** java.util.Calendar;  
**import** java.util.HashMap;  
  
**public class** ProductDetailsActivity **extends** AppCompatActivity {  
  
 **private** Button **addToCartButton**;  
 **private** ImageView **productImage**;  
 **private** ElegantNumberButton **numberButton**;  
 **private** TextView **productPrice**, **productDescription**, **productName**;  
 **private** String **productID** = **""**, **state** = **"Normal"**;  
  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState)  
 {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_product\_details***);  
  
 **productID** = getIntent().getStringExtra(**"pid"**);  
  
 **addToCartButton** = (Button) findViewById(R.id.***pd\_add\_to\_cart\_button***);  
 **numberButton** = (ElegantNumberButton) findViewById(R.id.***number\_btn***);  
 **productImage** = (ImageView) findViewById(R.id.***product\_image\_details***);  
 **productName** = (TextView) findViewById(R.id.***product\_name\_details***);  
 **productDescription** = (TextView) findViewById(R.id.***product\_description\_details***);  
 **productPrice** = (TextView) findViewById(R.id.***product\_price\_details***);  
  
  
 getProductDetails(**productID**);  
  
  
 **addToCartButton**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 **if** (**state**.equals(**"Order Placed"**) || **state**.equals(**"Order Shipped"**))  
 {  
 Toast.*makeText*(ProductDetailsActivity.**this**, **"you can add purchase more products, once your order is shipped or confirmed."**, Toast.***LENGTH\_LONG***).show();  
 }  
 **else** {  
 addingToCartList();  
 }  
 }  
 });  
 }  
  
  
 @Override  
 **protected void** onStart()  
 {  
 **super**.onStart();  
  
 CheckOrderState();  
 }  
  
 **private void** addingToCartList()  
 {  
 String saveCurrentTime, saveCurrentDate;  
  
 Calendar calForDate = Calendar.*getInstance*();  
 SimpleDateFormat currentDate = **new** SimpleDateFormat(**"MMM dd, yyyy"**);  
 saveCurrentDate = currentDate.format(calForDate.getTime());  
  
 SimpleDateFormat currentTime = **new** SimpleDateFormat(**"HH:mm:ss a"**);  
 saveCurrentTime = currentDate.format(calForDate.getTime());  
  
 **final** DatabaseReference cartListRef = FirebaseDatabase.*getInstance*().getReference().child(**"Cart List"**);  
  
 **final** HashMap<String, Object> cartMap = **new** HashMap<>();  
 cartMap.put(**"pid"**, **productID**);  
 cartMap.put(**"pname"**, **productName**.getText().toString());  
 cartMap.put(**"price"**, **productPrice**.getText().toString());  
 cartMap.put(**"date"**, saveCurrentDate);  
 cartMap.put(**"time"**, saveCurrentTime);  
 cartMap.put(**"quantity"**, **numberButton**.getNumber());  
 cartMap.put(**"discount"**, **""**);  
  
 cartListRef.child(**"User View"**).child(Prevalent.*currentOnlineUser*.getPhone())  
 .child(**"Products"**).child(**productID**)  
 .updateChildren(cartMap)  
 .addOnCompleteListener(**new** OnCompleteListener<Void>() {  
 @Override  
 **public void** onComplete(@NonNull Task<Void> task)  
 {  
 **if** (task.isSuccessful())  
 {  
 cartListRef.child(**"Admin View"**).child(Prevalent.*currentOnlineUser*.getPhone())  
 .child(**"Products"**).child(**productID**)  
 .updateChildren(cartMap)  
 .addOnCompleteListener(**new** OnCompleteListener<Void>() {  
 @Override  
 **public void** onComplete(@NonNull Task<Void> task)  
 {  
 **if** (task.isSuccessful())  
 {  
 Toast.*makeText*(ProductDetailsActivity.**this**, **"Added to Cart List."**, Toast.***LENGTH\_SHORT***).show();  
  
 Intent intent = **new** Intent(ProductDetailsActivity.**this**, HomeActivity.**class**);  
 startActivity(intent);  
 }  
 }  
 });  
 }  
 }  
 });  
 }  
  
  
 **private void** getProductDetails(String productID)  
 {  
 DatabaseReference productsRef = FirebaseDatabase.*getInstance*().getReference().child(**"Products"**);  
  
 productsRef.child(productID).addValueEventListener(**new** ValueEventListener() {  
 @Override  
 **public void** onDataChange(DataSnapshot dataSnapshot)  
 {  
 **if** (dataSnapshot.exists())  
 {  
 Products products = dataSnapshot.getValue(Products.**class**);  
  
 **productName**.setText(products.getPname());  
 **productPrice**.setText(products.getPrice());  
 **productDescription**.setText(products.getDescription());  
 Picasso.*get*().load(products.getImage()).into(**productImage**);  
 }  
 }  
  
 @Override  
 **public void** onCancelled(DatabaseError databaseError) {  
  
 }  
 });  
 }  
  
 **private void** CheckOrderState()  
 {  
 DatabaseReference ordersRef;  
 ordersRef = FirebaseDatabase.*getInstance*().getReference().child(**"Orders"**).child(Prevalent.*currentOnlineUser*.getPhone());  
  
 ordersRef.addValueEventListener(**new** ValueEventListener() {  
 @Override  
 **public void** onDataChange(DataSnapshot dataSnapshot)  
 {  
 **if** (dataSnapshot.exists())  
 {  
 String shippingState = dataSnapshot.child(**"state"**).getValue().toString();  
  
 **if** (shippingState.equals(**"shipped"**))  
 {  
 state = **"Order Shipped"**;  
 }  
 **else if**(shippingState.equals(**"not shipped"**))  
 {  
 state = **"Order Placed"**;  
 }  
 }  
 }  
  
 @Override  
 **public void** onCancelled(DatabaseError databaseError) {  
  
 }  
 });  
 }  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **RegisterActivity.java:-**

**package** com.example.dairyservices;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.app.ProgressDialog;  
**import** android.content.Context;  
**import** android.content.Intent;  
**import** android.net.ConnectivityManager;  
**import** android.net.NetworkInfo;  
**import** android.os.Bundle;  
**import** android.text.TextUtils;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.Toast;  
  
**import** com.google.android.gms.tasks.OnCompleteListener;  
**import** com.google.android.gms.tasks.Task;  
**import** com.google.firebase.database.DataSnapshot;  
**import** com.google.firebase.database.DatabaseError;  
**import** com.google.firebase.database.DatabaseReference;  
**import** com.google.firebase.database.FirebaseDatabase;  
**import** com.google.firebase.database.ValueEventListener;  
  
**import** java.util.HashMap;  
  
**public class** RegisterActivity **extends** AppCompatActivity {  
  
 **private** Button **CreateAccountButton**;  
 **private** EditText **InputName**, **InputPhoneNumber**, **InputPassword**;  
 **private** ProgressDialog **loadingBar**;  
 **private** NetworkInfo **networkInfo**;  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_register***);  
 ConnectivityManager connectivityManager= (ConnectivityManager)getSystemService(Context.***CONNECTIVITY\_SERVICE***) ;  
 **CreateAccountButton** = (Button) findViewById(R.id.***register\_btn***);  
 **InputName** = (EditText) findViewById(R.id.***register\_username\_input***);  
 **InputPassword** = (EditText) findViewById(R.id.***register\_password\_input***);  
 **InputPhoneNumber** = (EditText) findViewById(R.id.***register\_phone\_number\_input***);  
 **loadingBar** = **new** ProgressDialog(**this**);  
 **networkInfo**=connectivityManager.getActiveNetworkInfo();  
  
 **CreateAccountButton**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 CreateAccount();  
 }  
 });  
  
  
 }  
  
 **private void** CreateAccount() {  
  
 String name = **InputName**.getText().toString();  
 String phone = **InputPhoneNumber**.getText().toString();  
 String password = **InputPassword**.getText().toString();  
 ConnectivityManager connectivityManager=(ConnectivityManager) getSystemService(Context.***CONNECTIVITY\_SERVICE***);  
 **networkInfo**=connectivityManager.getActiveNetworkInfo();  
 **if** (**networkInfo**!=**null** && **networkInfo**.isConnected()) {  
  
 **if** (TextUtils.*isEmpty*(name)) {  
 Toast.*makeText*(**this**, **"Please write your name..."**, Toast.***LENGTH\_SHORT***).show();  
 } **else if** (TextUtils.*isEmpty*(phone)) {  
 Toast.*makeText*(**this**, **"Please write your phone number..."**, Toast.***LENGTH\_SHORT***).show();  
 } **else if** (TextUtils.*isEmpty*(password)) {  
 Toast.*makeText*(**this**, **"Please write your password..."**, Toast.***LENGTH\_SHORT***).show();  
 } **else** {  
 **loadingBar**.setTitle(**"Create Account"**);  
 **loadingBar**.setMessage(**"Please wait, while we are checking the credentials."**);  
 **loadingBar**.setCanceledOnTouchOutside(**false**);  
 **loadingBar**.show();  
  
 ValidatephoneNumber(name, phone, password);  
 }  
 }  
 **else** {  
 Toast.*makeText*(RegisterActivity.**this**,**"Please Turn on the internet connection first"**,Toast.***LENGTH\_LONG***).show();  
 }  
  
  
 }  
  
 **private void** ValidatephoneNumber(**final** String name, **final** String phone, **final** String password) {  
  
 **final** DatabaseReference RootRef;  
 RootRef = FirebaseDatabase.*getInstance*().getReference();  
  
 RootRef.addListenerForSingleValueEvent(**new** ValueEventListener() {  
 @Override  
 **public void** onDataChange(@NonNull DataSnapshot dataSnapshot)  
 {  
 **if** (!(dataSnapshot.child(**"Users"**).child(phone).exists()))  
 {  
 HashMap<String, Object> userdataMap = **new** HashMap<>();  
 userdataMap.put(**"phone"**, phone);  
 userdataMap.put(**"password"**, password);  
 userdataMap.put(**"name"**, name);  
  
 RootRef.child(**"Users"**).child(phone).updateChildren(userdataMap)  
 .addOnCompleteListener(**new** OnCompleteListener<Void>() {  
 @Override  
 **public void** onComplete(@NonNull Task<Void> task)  
 {  
 **if** (task.isSuccessful())  
 {  
 Toast.*makeText*(RegisterActivity.**this**, **"Congratulations, your account has been created."**, Toast.***LENGTH\_SHORT***).show();  
 **loadingBar**.dismiss();  
  
 Intent intent = **new** Intent(RegisterActivity.**this**, LoginActivity.**class**);  
 startActivity(intent);  
 }  
 **else** {  
 **loadingBar**.dismiss();  
 Toast.*makeText*(RegisterActivity.**this**, **"Network Error: Please try again after some time..."**, Toast.***LENGTH\_SHORT***).show();  
 }  
 }  
 });  
 }  
 **else** {  
 Toast.*makeText*(RegisterActivity.**this**, **"This "** + phone + **" already exists."**, Toast.***LENGTH\_SHORT***).show();  
 **loadingBar**.dismiss();  
 Toast.*makeText*(RegisterActivity.**this**, **"Please try again using another phone number."**, Toast.***LENGTH\_SHORT***).show();  
  
 Intent intent = **new** Intent(RegisterActivity.**this**, MainActivity.**class**);  
 startActivity(intent);  
 }  
 }  
  
 @Override  
 **public void** onCancelled(@NonNull DatabaseError databaseError) {  
  
 }  
 });  
  
 }  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **ResetPasswordActivity.java:-**

**package** com.example.dairyservices;  
  
  
**import** android.annotation.SuppressLint;  
**import** android.content.DialogInterface;  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.util.Log;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.TextView;  
**import** android.widget.Toast;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.appcompat.app.AlertDialog;  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** com.example.dairyservices.Prevalent.Prevalent;  
**import** com.example.dairyservices.R;  
**import** com.google.android.gms.tasks.OnCompleteListener;  
**import** com.google.android.gms.tasks.Task;  
**import** com.google.firebase.database.DataSnapshot;  
**import** com.google.firebase.database.DatabaseError;  
**import** com.google.firebase.database.DatabaseReference;  
**import** com.google.firebase.database.FirebaseDatabase;  
**import** com.google.firebase.database.ValueEventListener;  
  
**import** org.w3c.dom.Text;  
  
**import** java.util.HashMap;  
  
**public class** ResetPasswordActivity **extends** AppCompatActivity  
{  
 **private** String **check** = **""**;  
 **private** TextView **pageTitle**,**titleQuestions**;  
 **private** EditText **phoneNumber**,**question1**,**question2**;  
 **private** Button **verify**;  
  
  
  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState)  
 {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_reset\_password***);  
 **check** = getIntent().getStringExtra(**"check"**);  
 **pageTitle**=findViewById(R.id.***page\_title***);  
 **verify**=findViewById(R.id.***verify\_btn***);  
 **titleQuestions**=findViewById(R.id.***title\_questions***);  
 **phoneNumber**=findViewById(R.id.***find\_phone\_number***);  
 **question1**=findViewById(R.id.***question\_1***);  
 **question2**=findViewById(R.id.***question\_2***);  
 }  
  
  
  
 @Override  
 **protected void** onStart()  
 {  
 **super**.onStart();  
  
 **phoneNumber**.setVisibility(View.***GONE***);  
 **if** (**check**.equals(**"settings"**))  
 {  
 displayAnswers();  
 **pageTitle**.setText(**"Set Questions"**);  
 **titleQuestions**.setText(**"Please Set Following Security Questions "**);  
 **verify**.setText(**"Set Questions"**);  
 **verify**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 String q1=**question1**.getText().toString().toLowerCase();  
 String q2=**question2**.getText().toString().toLowerCase();  
 **if** (q1.equals(**""**)&&q2.equals(**""**)){  
 Toast.*makeText*(ResetPasswordActivity.**this**,**"Please Answer Both Questions"**,Toast.***LENGTH\_LONG***).show();  
 }  
 **else** {  
 DatabaseReference ref= FirebaseDatabase.*getInstance*().getReference()  
 .child(**"Users"**).child(Prevalent.*currentOnlineUser*.getPhone());  
 HashMap<String, Object> userdataMap = **new** HashMap<>();  
 userdataMap.put(**"answer1"**, q1);  
 userdataMap.put(**"answer2"**, q2);  
 ref.child(**"Security Questions"**).updateChildren(userdataMap).addOnCompleteListener(**new** OnCompleteListener<Void>() {  
 @Override  
 **public void** onComplete(@NonNull Task<Void> task) {  
 **if** (task.isSuccessful()){  
 Toast.*makeText*(ResetPasswordActivity.**this**,**"Security Question Has Been Set Successfully"**,  
 Toast.***LENGTH\_LONG***).show();  
 }  
 }  
 });  
 }  
 }  
 });  
  
 }  
 **else if** (**check**.equals(**"login"**))  
 {  
 **phoneNumber**.setVisibility(View.***VISIBLE***);  
 **verify**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 **final** String phone = **phoneNumber**.getText().toString();  
 **final** String q1 = **question1**.getText().toString().toLowerCase();  
 **final** String q2 = **question2**.getText().toString().toLowerCase();  
  
 **if** (!phone.equals(**""**) && !q1.equals(**""**) && !q2.equals(**""**)) {  
  
  
 **final** DatabaseReference ref = FirebaseDatabase.*getInstance*().getReference()  
 .child(**"Users"**).child(phone);  
  
 ref.addValueEventListener(**new** ValueEventListener() {  
 @Override  
 **public void** onDataChange(@NonNull DataSnapshot dataSnapshot) {  
 **if** (dataSnapshot.exists()) {  
 String m\_phone = dataSnapshot.child(**"phone"**).getValue().toString();  
  
 **if** (dataSnapshot.hasChild(**"Security Questions"**)) {  
 String ans1 = dataSnapshot.child(**"Security Questions"**).child(**"answer1"**).getValue().toString();  
 String ans2 = dataSnapshot.child(**"Security Questions"**).child(**"answer2"**).getValue().toString();  
  
 **if** (!ans1.equals(q1)) {  
 Toast.*makeText*(ResetPasswordActivity.**this**, **"Answer 1 is Incorrect"**,  
 Toast.***LENGTH\_LONG***).show();  
 } **else if** (!ans2.equals(q2)) {  
 Toast.*makeText*(ResetPasswordActivity.**this**, **"Answer 2 is Incorrect"**,  
 Toast.***LENGTH\_LONG***).show();  
 } **else** {  
 AlertDialog.Builder builder = **new** AlertDialog.Builder(ResetPasswordActivity.**this**);  
 builder.setTitle(**"New Password"**);  
 **final** EditText newpass = **new** EditText(ResetPasswordActivity.**this**);  
 newpass.setHint(**"Write New Password.."**);  
 builder.setView(newpass);  
 builder.setPositiveButton(**"Change"**, **new** DialogInterface.OnClickListener() {  
 @Override  
 **public void** onClick(**final** DialogInterface dialog, **int** which) {  
 **if** (!newpass.getText().toString().equals(**""**)) {  
 ref.child(**"password"**).setValue(newpass.getText()  
 .toString()).addOnCompleteListener(**new** OnCompleteListener<Void>() {  
 @Override  
 **public void** onComplete(@NonNull Task<Void> task) {  
 **if** (task.isSuccessful()) {  
 Toast.*makeText*(ResetPasswordActivity.**this**,  
 **"Password Has Changed Successfully"**,  
 Toast.***LENGTH\_LONG***).show();  
 dialog.cancel();  
 Intent intent=**new** Intent(ResetPasswordActivity.**this**,  
 LoginActivity.**class**);  
 startActivity(intent);  
 }  
 }  
 });  
 }  
 }  
 });  
 builder.setNegativeButton(**"Cancel"**, **new** DialogInterface.OnClickListener() {  
 @Override  
 **public void** onClick(DialogInterface dialog, **int** which) {  
 dialog.cancel();  
 }  
 });  
 builder.show();  
 }  
 } **else** {  
 Toast.*makeText*(ResetPasswordActivity.**this**, **"You Have Not Set The Security Questions Yet"**,  
 Toast.***LENGTH\_LONG***).show();  
 }  
 }  
 **else** {  
 Toast.*makeText*(ResetPasswordActivity.**this**, **"Phone Number Is Incorrect"**,  
 Toast.***LENGTH\_LONG***).show();  
 }  
 }  
  
 @Override  
 **public void** onCancelled(@NonNull DatabaseError databaseError) {  
  
 }  
 });  
 }  
 **else** {  
 Toast.*makeText*(ResetPasswordActivity.**this**, **"Please Enter All Details"**,  
 Toast.***LENGTH\_LONG***).show();  
 }  
 }  
 });  
  
 }  
  
 }  
  
 **private void** displayAnswers(){  
 DatabaseReference ref= FirebaseDatabase.*getInstance*().getReference()  
 .child(**"Users"**).child(Prevalent.*currentOnlineUser*.getPhone());  
  
 ref.child(**"Security Questions"**).addValueEventListener(**new** ValueEventListener() {  
 @Override  
 **public void** onDataChange(@NonNull DataSnapshot dataSnapshot) {  
 **if** (dataSnapshot.exists()){  
 String ans1=dataSnapshot.child(**"answer1"**).getValue().toString();  
 String ans2=dataSnapshot.child(**"answer2"**).getValue().toString();  
  
 **question1**.setText(ans1);  
 **question2**.setText(ans2);  
 }  
 }  
  
 @Override  
 **public void** onCancelled(@NonNull DatabaseError databaseError) {  
  
 }  
 });  
 }  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **SearchProductsActivity.java:-**

**package** com.example.dairyservices;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.appcompat.app.AppCompatActivity;  
**import** androidx.recyclerview.widget.LinearLayoutManager;  
**import** androidx.recyclerview.widget.RecyclerView;  
  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
**import** android.widget.Button;  
  
  
**import** com.example.dairyservices.Model.Products;  
**import** com.example.dairyservices.ViewHolder.ProductViewHolder;  
**import** com.firebase.ui.database.FirebaseRecyclerAdapter;  
**import** com.firebase.ui.database.FirebaseRecyclerOptions;  
**import** com.google.firebase.database.DatabaseReference;  
**import** com.google.firebase.database.FirebaseDatabase;  
**import** com.rey.material.widget.EditText;  
**import** com.squareup.picasso.Picasso;  
  
**public class** SearchProductsActivity **extends** AppCompatActivity {  
  
 **private** Button **SearchBtn**;  
 **private** EditText **inputText**;  
 **private** RecyclerView **searchList**;  
 **private** String **SearchInput**;  
  
  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState)  
 {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_search\_products***);  
  
  
 **inputText** = findViewById(R.id.***search\_product\_name***);  
 **SearchBtn** = findViewById(R.id.***search\_btn***);  
 **searchList** = findViewById(R.id.***search\_list***);  
 **searchList**.setLayoutManager(**new** LinearLayoutManager(SearchProductsActivity.**this**));  
  
  
 **SearchBtn**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 **SearchInput** = **inputText**.getText().toString();  
  
 onStart();  
 }  
 });  
 }  
  
  
  
 @Override  
 **protected void** onStart()  
 {  
 **super**.onStart();  
  
  
 DatabaseReference reference = FirebaseDatabase.*getInstance*().getReference().child(**"Products"**);  
  
 FirebaseRecyclerOptions<Products> options =  
 **new** FirebaseRecyclerOptions.Builder<Products>()  
 .setQuery(reference.orderByChild(**"pname"**).startAt(**SearchInput**), Products.**class**)  
 .build();  
  
 FirebaseRecyclerAdapter<Products, ProductViewHolder> adapter =  
 **new** FirebaseRecyclerAdapter<Products, ProductViewHolder>(options) {  
 @Override  
 **protected void** onBindViewHolder(@NonNull ProductViewHolder holder, **int** position, @NonNull **final** Products model)  
 {  
 holder.**txtProductName**.setText(model.getPname());  
 *//holder.txtProductDescription.setText(model.getDescription());* holder.**txtProductPrice**.setText(**"Price = "**+ **" ₹"**+ model.getPrice());  
 Picasso.*get*().load(model.getImage()).into(holder.**imageView**);  
  
 holder.**itemView**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 Intent intent = **new** Intent(SearchProductsActivity.**this**, ProductDetailsActivity.**class**);  
 intent.putExtra(**"pid"**, model.getPid());  
 startActivity(intent);  
 }  
 });  
 }  
  
 @NonNull  
 @Override  
 **public** ProductViewHolder onCreateViewHolder(@NonNull ViewGroup parent, **int** viewType)  
 {  
 View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.***product\_items\_layout***, parent, **false**);  
 ProductViewHolder holder = **new** ProductViewHolder(view);  
 **return** holder;  
 }  
 };  
  
 **searchList**.setAdapter(adapter);  
 adapter.startListening();  
 }  
  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **SettingsActivity.java:-**

**package** com.example.dairyservices;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.app.ProgressDialog;  
**import** android.content.Intent;  
**import** android.net.Uri;  
**import** android.os.Bundle;  
**import** android.text.TextUtils;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.TextView;  
**import** android.widget.Toast;  
  
**import** com.example.dairyservices.Prevalent.Prevalent;  
**import** com.google.android.gms.tasks.Continuation;  
**import** com.google.android.gms.tasks.OnCompleteListener;  
**import** com.google.android.gms.tasks.Task;  
**import** com.google.firebase.database.DataSnapshot;  
**import** com.google.firebase.database.DatabaseError;  
**import** com.google.firebase.database.DatabaseReference;  
**import** com.google.firebase.database.FirebaseDatabase;  
**import** com.google.firebase.database.ValueEventListener;  
**import** com.google.firebase.storage.FirebaseStorage;  
**import** com.google.firebase.storage.StorageReference;  
**import** com.google.firebase.storage.StorageTask;  
**import** com.squareup.picasso.Picasso;  
**import** com.theartofdev.edmodo.cropper.CropImage;  
  
**import** java.util.HashMap;  
  
**import** de.hdodenhof.circleimageview.CircleImageView;  
  
**public class** SettingsActivity **extends** AppCompatActivity {  
  
 **private** CircleImageView **profileImageView**;  
 **private** EditText **fullNameEditText**, **userPhoneEditText**, **addressEditText**;  
 **private** TextView **profileChangeTextBtn**, **closeTextBtn**, **saveTextButton**;  
 **private** Button **securityQuestionBtn**;  
 **private** Uri **imageUri**;  
 **private** String **myUrl** = **""**;  
 **private** StorageTask **uploadTask**;  
 **private** StorageReference **storageProfilePrictureRef**;  
 **private** String **checker** = **""**;  
  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState)  
 {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_settings***);  
  
 **storageProfilePrictureRef** = FirebaseStorage.*getInstance*().getReference().child(**"Profile pictures"**);  
  
 **profileImageView** = (CircleImageView) findViewById(R.id.***settings\_profile\_image***);  
 **fullNameEditText** = (EditText) findViewById(R.id.***settings\_full\_name***);  
 **userPhoneEditText** = (EditText) findViewById(R.id.***settings\_phone\_number***);  
 **addressEditText** = (EditText) findViewById(R.id.***settings\_address***);  
 **profileChangeTextBtn** = (TextView) findViewById(R.id.***profile\_image\_change\_btn***);  
 **closeTextBtn** = (TextView) findViewById(R.id.***close\_settings\_btn***);  
 **saveTextButton** = (TextView) findViewById(R.id.***update\_account\_settings\_btn***);  
 **securityQuestionBtn** = findViewById(R.id.***security\_questions\_btn***);  
  
  
 userInfoDisplay(**profileImageView**, **fullNameEditText**, **userPhoneEditText**, **addressEditText**);  
  
  
 **closeTextBtn**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 finish();  
 }  
 });  
  
 **securityQuestionBtn**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 Intent intent = **new** Intent(SettingsActivity.**this**, ResetPasswordActivity.**class**);  
 intent.putExtra(**"check"**, **"settings"**);  
 startActivity(intent);  
  
 }  
 });  
  
  
 **saveTextButton**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 **if** (**checker**.equals(**"clicked"**))  
 {  
 userInfoSaved();  
 }  
 **else** {  
 updateOnlyUserInfo();  
 }  
 }  
 });  
  
  
 **profileChangeTextBtn**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 **checker** = **"clicked"**;  
  
 CropImage.*activity*(**imageUri**)  
 .setAspectRatio(1, 1)  
 .start(SettingsActivity.**this**);  
 }  
 });  
 **profileImageView**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 **checker** = **"clicked"**;  
  
 CropImage.*activity*(**imageUri**)  
 .setAspectRatio(1, 1)  
 .start(SettingsActivity.**this**);  
 }  
 });  
 }  
  
  
  
 **private void** updateOnlyUserInfo()  
 {  
 DatabaseReference ref = FirebaseDatabase.*getInstance*().getReference().child(**"Users"**);  
  
 HashMap<String, Object> userMap = **new** HashMap<>();  
 userMap. put(**"name"**, **fullNameEditText**.getText().toString());  
 userMap. put(**"address"**, **addressEditText**.getText().toString());  
 userMap. put(**"phoneOrder"**, **userPhoneEditText**.getText().toString());  
 ref.child(Prevalent.*currentOnlineUser*.getPhone()).updateChildren(userMap);  
  
 startActivity(**new** Intent(SettingsActivity.**this**, HomeActivity.**class**));  
 Toast.*makeText*(SettingsActivity.**this**, **"Profile Info update successfully."**, Toast.***LENGTH\_SHORT***).show();  
 finish();  
 }  
  
  
 @Override  
 **protected void** onActivityResult(**int** requestCode, **int** resultCode, Intent data)  
 {  
 **super**.onActivityResult(requestCode, resultCode, data);  
  
 **if** (requestCode==CropImage.***CROP\_IMAGE\_ACTIVITY\_REQUEST\_CODE*** && resultCode==***RESULT\_OK*** && data!=**null**)  
 {  
  
 CropImage.ActivityResult result = CropImage.*getActivityResult*(data);  
 **imageUri** = result.getUri();  
 **profileImageView**.setImageURI(**imageUri**);  
 }  
 **else** {  
 Toast.*makeText*(**this**, **"Error, Try Again."**, Toast.***LENGTH\_SHORT***).show();  
  
 startActivity(**new** Intent(SettingsActivity.**this**, SettingsActivity.**class**));  
 finish();  
 }  
 }  
  
  
  
  
 **private void** userInfoSaved()  
 {  
 **if** (TextUtils.*isEmpty*(**fullNameEditText**.getText().toString()))  
 {  
 Toast.*makeText*(**this**, **"Name is mandatory."**, Toast.***LENGTH\_SHORT***).show();  
 }  
 **else if** (TextUtils.*isEmpty*(**addressEditText**.getText().toString()))  
 {  
 Toast.*makeText*(**this**, **"Adress is mandatory."**, Toast.***LENGTH\_SHORT***).show();  
 }  
 **else if** (TextUtils.*isEmpty*(**userPhoneEditText**.getText().toString()))  
 {  
 Toast.*makeText*(**this**, **"Phone No is mandatory."**, Toast.***LENGTH\_SHORT***).show();  
 }  
 **else if**(**checker**.equals(**"clicked"**))  
 {  
 uploadImage();  
 }  
 }  
  
  
  
 **private void** uploadImage()  
 {  
 **final** ProgressDialog progressDialog = **new** ProgressDialog(**this**);  
 progressDialog.setTitle(**"Update Profile"**);  
 progressDialog.setMessage(**"Please wait, while we are updating your account information"**);  
 progressDialog.setCanceledOnTouchOutside(**false**);  
 progressDialog.show();  
  
 **if** (**imageUri** != **null**)  
 {  
 **final** StorageReference fileRef = **storageProfilePrictureRef** .child(Prevalent.*currentOnlineUser*.getPhone() + **".jpg"**);  
  
 **uploadTask** = fileRef.putFile(**imageUri**);  
  
 **uploadTask**.continueWithTask(**new** Continuation() {  
 @Override  
 **public** Object then(@NonNull Task task) **throws** Exception  
 {  
 **if** (!task.isSuccessful())  
 {  
 **throw** task.getException();  
 }  
  
 **return** fileRef.getDownloadUrl();  
 }  
 })  
 .addOnCompleteListener(**new** OnCompleteListener<Uri>() {  
 @Override  
 **public void** onComplete(@NonNull Task<Uri> task)  
 {  
 **if** (task.isSuccessful())  
 {  
 Uri downloadUrl = task.getResult();  
 **myUrl** = downloadUrl.toString();  
  
 DatabaseReference ref = FirebaseDatabase.getInstance().getReference().child(**"Users"**);  
  
 HashMap<String, Object> userMap = **new** HashMap<>();  
 userMap. put(**"name"**, fullNameEditText.getText().toString());  
 userMap. put(**"address"**, addressEditText.getText().toString());  
 userMap. put(**"phoneOrder"**, userPhoneEditText.getText().toString());  
 userMap. put(**"image"**, myUrl);  
 ref.child(Prevalent.currentOnlineUser.getPhone()).updateChildren(userMap);  
  
 progressDialog.dismiss();  
  
 startActivity(**new** Intent(SettingsActivity.**this**, HomeActivity.**class**));  
 Toast.makeText(SettingsActivity.**this**, **"Profile Info update successfully."**, Toast.LENGTH\_SHORT).show();  
 finish();  
 }  
 **else** {  
 progressDialog.dismiss();  
 Toast.makeText(SettingsActivity.**this**, **"Error."**, Toast.LENGTH\_SHORT).show();  
 }  
 }  
 });  
 }  
 **else** {  
 Toast.makeText(**this**, **"image is not selected."**, Toast.LENGTH\_SHORT).show();  
 }  
 }  
  
  
 **private void** userInfoDisplay(**final** CircleImageView profileImageView, **final** EditText fullNameEditText, **final** EditText userPhoneEditText, **final** EditText addressEditText)  
 {  
 DatabaseReference UsersRef = FirebaseDatabase.getInstance().getReference().child(**"Users"**).child(Prevalent.currentOnlineUser.getPhone());  
  
 UsersRef.addValueEventListener(**new** ValueEventListener() {  
 @Override  
 **public void** onDataChange(DataSnapshot dataSnapshot)  
 {  
 **if** (dataSnapshot.exists())  
 {  
 **if** (dataSnapshot.child(**"image"**).exists())  
 {  
 String image = dataSnapshot.child(**"image"**).getValue().toString();  
 String name = dataSnapshot.child(**"name"**).getValue().toString();  
 String phone = dataSnapshot.child(**"phone"**).getValue().toString();  
 String address = dataSnapshot.child(**"address"**).getValue().toString();  
  
 Picasso.get().load(image).into(profileImageView);  
 fullNameEditText.setText(name);  
 userPhoneEditText.setText(phone);  
 addressEditText.setText(address);  
 }  
 }  
 }  
  
 @Override  
 **public void** onCancelled(DatabaseError databaseError) {  
  
 }  
 });  
 }  
}

1. **java** 🡪 **com.example.dairyservices** 🡪 **Splash.java:-**

**package** com.example.dairyservices;  
  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.os.Handler;  
  
**public class** Splash **extends** AppCompatActivity {  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_splash***);  
 **new** Handler().postDelayed(**new** Runnable() {  
 @Override  
 **public void** run() {  
 Intent i = **new** Intent(Splash.**this**, MainActivity.**class**);  
 startActivity(i);  
  
 finish();  
 }  
 },1500);  
 }  
}

1. **java(generated)** 🡪 **com.example.dairyservices** 🡪 **BuildConfig.java:-**

**package** com.example.dairyservices;  
  
**public final class** BuildConfig {  
 **public static final boolean *DEBUG*** = Boolean.*parseBoolean*(**"true"**);  
 **public static final** String ***APPLICATION\_ID*** = **"com.example.dairyservices"**;  
 **public static final** String ***BUILD\_TYPE*** = **"debug"**;  
 **public static final** String ***FLAVOR*** = **""**;  
 **public static final int *VERSION\_CODE*** = 1;  
 **public static final** String ***VERSION\_NAME*** = **"1.0"**;  
}

1. **res** 🡪 **drawable** 🡪 **buttons.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**shape xmlns:android="http://schemas.android.com/apk/res/android"**>  
  
 <**solid  
 android:color="@color/colorPrimaryDark"** >  
 </**solid**>  
  
 <**corners  
 android:radius="20dp"**>  
 </**corners**>  
</**shape**>

1. **res** 🡪 **drawable** 🡪 **input\_design.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**shape xmlns:android="http://schemas.android.com/apk/res/android"**>  
  
  
 <**stroke  
 android:color="@color/colorPrimaryDark"  
 android:width="5dp"** ></**stroke**>  
  
  
 <**corners  
 android:radius="15dp"** ></**corners**>  
  
</**shape**>

1. **res** 🡪 **drawable** 🡪 **recyler\_design.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**shape xmlns:android="http://schemas.android.com/apk/res/android"**>  
  
 <**corners  
 android:radius="20dp"** />  
 <**solid  
 android:color="@color/colorPrimaryDark"**/>  
  
</**shape**>

1. **res** 🡪 **font** 🡪 **abhaya\_libre.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**font-family xmlns:app="http://schemas.android.com/apk/res-auto"  
 app:fontProviderAuthority="com.google.android.gms.fonts"  
 app:fontProviderPackage="com.google.android.gms"  
 app:fontProviderQuery="Abhaya Libre"  
 app:fontProviderCerts="@array/com\_google\_android\_gms\_fonts\_certs"**>  
</**font-family**>

1. **res** 🡪 **font** 🡪 **alex\_brush.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**font-family xmlns:app="http://schemas.android.com/apk/res-auto"  
 app:fontProviderAuthority="com.google.android.gms.fonts"  
 app:fontProviderPackage="com.google.android.gms"  
 app:fontProviderQuery="Alex Brush"  
 app:fontProviderCerts="@array/com\_google\_android\_gms\_fonts\_certs"**>  
</**font-family**>

1. **res** 🡪 **layout** 🡪 **activity\_add\_new\_dairy.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**ScrollView  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".AddNewDairyActivity"**>  
  
 <**RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"**>  
  
 <**com.google.android.material.appbar.AppBarLayout  
 android:id="@+id/app\_bar\_settings"  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:background="@color/colorPrimary"**>  
  
 <**androidx.appcompat.widget.Toolbar  
 android:id="@+id/toolbar\_settings"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"**>  
  
 <**RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"**>  
  
 <**TextView  
 android:id="@+id/update\_account\_settings\_btn"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Add New Dairy"  
 android:textColor="@android:color/white"  
 android:textSize="17sp"  
 android:textStyle="bold"  
 android:gravity="center"** />  
  
 </**RelativeLayout**>  
  
 </**androidx.appcompat.widget.Toolbar**>  
  
 </**com.google.android.material.appbar.AppBarLayout**>  
  
  
  
 <**de.hdodenhof.circleimageview.CircleImageView  
 android:id="@+id/dairy\_profile\_image"  
 android:layout\_width="130dp"  
 android:layout\_height="130dp"  
 android:src="@drawable/profile"  
 android:layout\_below="@+id/app\_bar\_settings"  
 android:layout\_marginTop="20dp"  
 android:layout\_centerHorizontal="true"** />  
  
 <**TextView  
 android:id="@+id/dairy\_image\_change\_btn"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Add Dairy Image"  
 android:textSize="17sp"  
 android:textStyle="bold"  
 android:layout\_marginRight="10dp"  
 android:layout\_marginTop="4dp"  
 android:textColor="@android:color/black"  
 android:layout\_below="@+id/dairy\_profile\_image"  
 android:layout\_centerHorizontal="true"** />  
  
 <**EditText  
 android:id="@+id/dairy\_phone\_number"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/dairy\_image\_change\_btn"  
 android:hint="Phone Number..."  
 android:inputType="phone"  
 android:layout\_margin="15dp"  
 android:padding="10dp"** />  
  
 <**EditText  
 android:id="@+id/dairy\_name"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/dairy\_phone\_number"  
 android:hint="Dairy Name"  
 android:layout\_margin="15dp"  
 android:padding="10dp"** />  
  
 <**EditText  
 android:id="@+id/dairy\_password"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/dairy\_name"  
 android:hint="Password"  
 android:layout\_margin="15dp"  
 android:padding="10dp"** />  
  
 <**EditText  
 android:id="@+id/dairy\_address"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/dairy\_password"  
 android:hint="Address..."  
 android:layout\_margin="15dp"  
 android:padding="10dp"** />  
  
 <**EditText  
 android:id="@+id/dairy\_info"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/dairy\_address"  
 android:hint="Dairy Description"  
 android:layout\_margin="15dp"  
  
 android:padding="10dp"** />  
  
  
 <**Button  
 android:id="@+id/add\_dairy\_btn"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/dairy\_info"  
 android:text="Add Dairy"  
 android:background="@drawable/buttons"  
 android:textColor="@color/colorPrimary"  
 android:layout\_margin="15dp"  
 android:padding="10dp"** />  
 </**RelativeLayout**>  
</**ScrollView**>

1. **res** 🡪 **layout** 🡪 **activity\_admin\_add\_new\_products.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".AdminAddNewProductsActivity"**>  
  
  
 <**ImageView  
 android:id="@+id/select\_product\_image"  
 android:layout\_width="308dp"  
 android:layout\_height="263dp"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="20dp"  
 android:cropToPadding="false"  
 android:scaleType="centerCrop"  
 android:src="@drawable/ic\_camera\_alt\_black\_24dp"** />  
  
  
 <**EditText  
 android:id="@+id/product\_name"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/select\_product\_image"  
 android:inputType="textMultiLine"  
 android:layout\_marginTop="20dp"  
 android:padding="20dp"  
 android:hint="Product Name..."  
 android:layout\_marginLeft="45dp"  
 android:layout\_marginRight="45dp"  
 android:background="@drawable/input\_design"** />  
  
  
 <**EditText  
 android:id="@+id/product\_description"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/product\_name"  
 android:inputType="textMultiLine"  
 android:layout\_marginTop="6dp"  
 android:padding="20dp"  
 android:hint="Product Description..."  
 android:layout\_marginLeft="45dp"  
 android:layout\_marginRight="45dp"  
 android:background="@drawable/input\_design"** />  
  
  
 <**EditText  
 android:id="@+id/product\_price"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/product\_description"  
 android:inputType="textMultiLine"  
 android:layout\_marginTop="6dp"  
 android:padding="20dp"  
 android:hint="Product Price..."  
 android:layout\_marginLeft="45dp"  
 android:layout\_marginRight="45dp"  
 android:background="@drawable/input\_design"** />  
 <**Button  
 android:id="@+id/add\_new\_product"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/product\_price"  
 android:text="Add Product"  
 android:layout\_marginLeft="45dp"  
 android:layout\_marginRight="45dp"  
 android:padding="17dp"  
 android:layout\_marginTop="20dp"  
 android:textSize="18sp"  
 android:textAllCaps="false"  
 android:textColor="@color/colorPrimary"  
 android:background="@drawable/buttons"** />  
</**RelativeLayout**>

1. **res** 🡪 **layout** 🡪 **activity\_admin\_category.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".AdminCategoryActivity"**>  
  
 <**TextView  
 android:id="@+id/slogan\_category"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentTop="true"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="10dp"  
 android:text="Add New Product"  
 android:textAlignment="center"  
 android:textSize="26sp"  
 android:textStyle="bold"** />  
  
 <**LinearLayout  
 android:id="@+id/linear1\_category\_layout"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/slogan\_category"  
 android:orientation="horizontal"  
 android:layout\_centerHorizontal="true"  
 android:gravity="center"  
 android:layout\_marginTop="10dp"  
 android:layout\_marginLeft="10dp"  
 android:layout\_marginRight="10dp"**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/t\_shirts"  
 android:layout\_width="90dp"  
 android:layout\_height="100dp"  
 android:layout\_weight="80"  
 android:clickable="true"**>  
  
 <**ImageView  
 android:layout\_width="match\_parent"  
 android:layout\_height="80dp"  
 android:layout\_weight="80"  
 android:src="@drawable/tshirts"** />  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="40dp"  
 android:layout\_gravity="center"  
 android:text="Milk"**/>  
  
 </**androidx.cardview.widget.CardView**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/sports\_t\_shirts"  
 android:layout\_width="90dp"  
 android:layout\_height="100dp"  
 android:layout\_weight="80"  
 android:clickable="true"**>  
  
 <**ImageView  
 android:layout\_width="match\_parent"  
 android:layout\_height="80dp"  
 android:layout\_weight="80"  
 android:src="@drawable/sports"** />  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="40dp"  
 android:layout\_gravity="center"  
 android:text="Yogurt"**/>  
  
 </**androidx.cardview.widget.CardView**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/female\_dresses"  
 android:layout\_width="90dp"  
 android:layout\_height="100dp"  
 android:layout\_weight="80"  
 android:clickable="true"**>  
  
 <**ImageView  
 android:layout\_width="match\_parent"  
 android:layout\_height="80dp"  
 android:layout\_weight="80"  
 android:src="@drawable/female\_dresses"** />  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="40dp"  
 android:layout\_gravity="center"  
 android:text="Milk Cream"**/>  
  
 </**androidx.cardview.widget.CardView**>  
  
 </**LinearLayout**>  
  
 <**LinearLayout  
 android:id="@+id/linear2\_category\_layout"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/linear1\_category\_layout"  
 android:orientation="horizontal"  
 android:layout\_centerHorizontal="true"  
 android:gravity="center"  
 android:layout\_marginTop="10dp"  
 android:layout\_marginLeft="10dp"  
 android:layout\_marginRight="10dp"**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/glasses"  
 android:layout\_width="90dp"  
 android:layout\_height="100dp"  
 android:layout\_weight="80"  
 android:clickable="true"**>  
  
 <**ImageView  
 android:layout\_width="match\_parent"  
 android:layout\_height="80dp"  
 android:layout\_weight="80"  
 android:src="@drawable/glasses"** />  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center"  
 android:layout\_marginTop="40dp"  
 android:text="Ghee"** />  
  
 </**androidx.cardview.widget.CardView**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/purses\_bags\_wallets"  
 android:layout\_width="90dp"  
 android:layout\_height="100dp"  
 android:layout\_weight="80"  
 android:clickable="true"**>  
  
 <**ImageView  
  
 android:layout\_width="match\_parent"  
 android:layout\_height="80dp"  
 android:layout\_weight="80"  
 android:src="@drawable/purses\_bags"** />  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="40dp"  
 android:layout\_gravity="center"  
 android:text="Coconut Milk"**/>  
  
 </**androidx.cardview.widget.CardView**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/hats\_caps"  
 android:layout\_width="90dp"  
 android:layout\_height="100dp"  
 android:layout\_weight="80"  
 android:clickable="true"**>  
  
 <**ImageView  
 android:layout\_width="match\_parent"  
 android:layout\_height="80dp"  
 android:layout\_weight="80"  
 android:src="@drawable/hats"** />  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="40dp"  
 android:layout\_gravity="center"  
 android:text="Milk Powder"**/>  
  
 </**androidx.cardview.widget.CardView**>  
  
 </**LinearLayout**>  
  
  
  
 <**LinearLayout  
 android:id="@+id/linear3\_category\_layout"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/linear2\_category\_layout"  
 android:orientation="horizontal"  
 android:layout\_centerHorizontal="true"  
 android:gravity="center"  
 android:layout\_marginTop="10dp"  
 android:layout\_marginLeft="10dp"  
 android:layout\_marginRight="10dp"**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/headphones\_handfree"  
 android:layout\_width="90dp"  
 android:layout\_height="100dp"  
 android:layout\_weight="80"  
 android:clickable="true"**>  
  
 <**ImageView  
 android:layout\_width="match\_parent"  
 android:layout\_height="80dp"  
 android:layout\_weight="80"  
 android:src="@drawable/headphoness"** />  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="40dp"  
 android:layout\_gravity="center"  
 android:text="Ice Creamr"**/>  
  
 </**androidx.cardview.widget.CardView**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/laptop\_pc"  
 android:layout\_width="90dp"  
 android:layout\_height="100dp"  
 android:layout\_weight="80"  
 android:clickable="true"**>  
  
 <**ImageView  
 android:layout\_width="match\_parent"  
 android:layout\_height="80dp"  
 android:layout\_weight="80"  
 android:src="@drawable/laptops"** />  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="40dp"  
 android:layout\_gravity="center"  
 android:text="Badam Milk"**/>  
  
 </**androidx.cardview.widget.CardView**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/watches"  
 android:layout\_width="90dp"  
 android:layout\_height="100dp"  
 android:layout\_weight="80"  
 android:clickable="true"**>  
  
 <**ImageView  
 android:layout\_width="match\_parent"  
 android:layout\_height="80dp"  
 android:layout\_weight="80"  
 android:src="@drawable/watches"** />  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="40dp"  
 android:layout\_gravity="center"  
 android:text="Cheese and Butter"**/>  
  
 </**androidx.cardview.widget.CardView**>  
  
 </**LinearLayout**>  
  
 <**Button  
 android:id="@+id/add\_new\_dairy\_btn"  
 android:layout\_width="match\_parent"  
 android:layout\_height="42dp"  
 android:layout\_above="@+id/maintain\_btn"  
 android:layout\_marginLeft="20dp"  
 android:layout\_marginRight="20dp"  
 android:layout\_marginBottom="10dp"  
 android:background="@drawable/buttons"  
 android:text="Add New Dairy"  
 android:textColor="@color/colorPrimary"  
 android:textSize="20dp"  
 android:textAllCaps="false"** />  
 <**Button  
 android:id="@+id/maintain\_btn"  
 android:layout\_width="match\_parent"  
 android:layout\_height="42dp"  
 android:layout\_above="@+id/check\_orders\_btn"  
 android:layout\_marginLeft="20dp"  
 android:layout\_marginRight="20dp"  
 android:layout\_marginBottom="10dp"  
 android:background="@drawable/buttons"  
 android:text="Maintain Products"  
 android:textColor="@color/colorPrimary"  
 android:textSize="20dp"  
 android:textAllCaps="false"** />  
  
 <**Button  
 android:id="@+id/check\_orders\_btn"  
 android:layout\_width="match\_parent"  
 android:layout\_height="42dp"  
 android:layout\_above="@+id/admin\_logout\_btn"  
 android:layout\_marginLeft="20dp"  
 android:layout\_marginRight="20dp"  
 android:layout\_marginBottom="10dp"  
 android:background="@drawable/buttons"  
 android:text="Check New Orders"  
 android:textColor="@color/colorPrimary"  
 android:textSize="20dp"  
 android:textAllCaps="false"** />  
  
  
 <**Button  
 android:id="@+id/admin\_logout\_btn"  
 android:layout\_width="match\_parent"  
 android:layout\_height="42dp"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginLeft="20dp"  
 android:layout\_marginRight="20dp"  
 android:layout\_marginBottom="45dp"  
 android:background="@drawable/buttons"  
 android:text="Logout"  
 android:textColor="@color/colorPrimary"  
 android:textSize="20dp"  
 android:textAllCaps="false"** />  
  
</**RelativeLayout**>

1. **res** 🡪 **layout** 🡪 **activity\_admin\_maintain\_products.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**androidx.cardview.widget.CardView  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="20dp"  
 android:layout\_marginStart="15dp"  
 android:layout\_marginEnd="15dp"  
 android:layout\_marginBottom="5dp"  
 app:cardElevation="15dp"  
 tools:context=".AdminMaintainProductsActivity"**>  
  
  
 <**RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"**>  
  
 <**ImageView  
 android:id="@+id/product\_image\_maintain"  
 android:layout\_width="match\_parent"  
 android:layout\_height="200dp"  
 android:layout\_below="@+id/product\_name"  
 android:scaleType="centerCrop"  
 android:layout\_marginTop="2dp"** />  
  
 <**EditText  
 android:id="@+id/product\_name\_maintain"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/product\_image\_maintain"  
 android:hint="Product Name"  
 android:textAlignment="center"  
 android:textSize="18dp"  
 android:padding="12dp"  
 android:layout\_margin="5dp"  
 android:background="@drawable/input\_design"  
 android:textColor="@color/colorPrimaryDark"** />  
  
 <**EditText  
 android:id="@+id/product\_price\_maintain"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/product\_name\_maintain"  
 android:hint="Product Price"  
 android:textAlignment="center"  
 android:textSize="18dp"  
 android:padding="12dp"  
 android:layout\_margin="5dp"  
 android:background="@drawable/input\_design"  
 android:textColor="@color/colorPrimaryDark"** />  
  
 <**EditText  
 android:id="@+id/product\_description\_maintain"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/product\_price\_maintain"  
 android:hint="Product Description"  
 android:layout\_marginTop="2dp"  
 android:textAlignment="center"  
 android:textSize="16dp"  
 android:padding="12dp"  
 android:layout\_margin="5dp"  
 android:background="@drawable/input\_design"  
 android:textColor="@color/colorPrimaryDark"** />  
  
 <**Button  
 android:id="@+id/apply\_changes\_btn"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/product\_description\_maintain"  
 android:text="Apply Changes"  
 android:layout\_marginTop="2dp"  
 android:textAlignment="center"  
 android:textSize="18dp"  
 android:padding="12dp"  
 android:layout\_margin="5dp"  
 android:background="@drawable/buttons"  
 android:textColor="@color/colorPrimary"** />  
  
  
 <**Button  
 android:id="@+id/delete\_product\_btn"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/apply\_changes\_btn"  
 android:text="Delete This Product"  
 android:textAlignment="center"  
 android:textSize="18dp"  
 android:padding="12dp"  
 android:layout\_margin="30dp"  
 android:background="@drawable/buttons"  
 android:textColor="@color/colorPrimary"** />  
  
 </**RelativeLayout**>  
  
  
</**androidx.cardview.widget.CardView**>

1. **res** 🡪 **layout** 🡪 **activity\_admin\_new\_orders.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".AdminNewOrdersActivity"**>  
  
 <**RelativeLayout  
 android:id="@+id/r2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:background="@color/colorPrimaryDark"  
 android:layout\_alignParentTop="true"**>  
  
 <**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="New Orders"  
 android:textColor="@color/colorPrimary"  
 android:textSize="25dp"  
 android:textAlignment="center"  
 android:layout\_marginTop="10dp"** />  
  
 </**RelativeLayout**>  
  
  
 <**androidx.recyclerview.widget.RecyclerView  
 android:id="@+id/orders\_list"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_below="@+id/r2"**>  
 </**androidx.recyclerview.widget.RecyclerView**>  
  
</**RelativeLayout**>

1. **res** 🡪 **layout** 🡪 **activity\_admin\_user\_products.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".AdminUserProductsActivity"**>  
  
 <**RelativeLayout  
 android:id="@+id/r3"  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:background="@color/colorPrimaryDark"  
 android:layout\_alignParentTop="true"**>  
  
 <**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Products"  
 android:textColor="@color/colorPrimary"  
 android:textSize="25dp"  
 android:textAlignment="center"  
 android:layout\_marginTop="10dp"** />  
  
 </**RelativeLayout**>  
  
  
 <**androidx.recyclerview.widget.RecyclerView  
 android:id="@+id/products\_list"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_below="@+id/r3"**>  
 </**androidx.recyclerview.widget.RecyclerView**>  
  
</**RelativeLayout**>

1. **res** 🡪 **layout** 🡪 **activity\_cart.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".CartActivity"**>  
  
 <**RelativeLayout  
 android:id="@+id/rl11"  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:background="@color/colorPrimaryDark"  
 android:layout\_alignParentTop="true"**>  
  
 <**TextView  
 android:id="@+id/total\_price"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Total Price = "  
 android:textColor="@color/colorPrimary"  
 android:textSize="20dp"  
 android:textAlignment="center"  
 android:layout\_marginTop="10dp"** />  
  
 </**RelativeLayout**>  
  
  
 <**TextView  
 android:id="@+id/msg1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:textColor="@color/colorPrimaryDark"  
 android:layout\_marginStart="10dp"  
 android:layout\_marginEnd="10dp"  
 android:textAlignment="center"  
 android:layout\_centerVertical="true"  
 android:text="Congratulations, your final order has been placed successfully. Soon it will be verified."  
 android:textSize="20dp"  
 android:visibility="gone"** />  
  
  
 <**androidx.recyclerview.widget.RecyclerView  
 android:id="@+id/cart\_list"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_below="@+id/rl11"  
 android:layout\_above="@+id/next\_btn"**>  
 </**androidx.recyclerview.widget.RecyclerView**>  
  
 <**Button  
 android:id="@+id/next\_btn"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentBottom="true"  
 android:background="@drawable/buttons"  
 android:text="Next"  
 android:textColor="@color/colorPrimary"  
 android:textSize="20dp"** />  
  
</**RelativeLayout**>

1. **res** 🡪 **layout** 🡪 **activity\_confirm\_final\_order.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".ConfirmFinalOrderActivity"**>  
  
 <**TextView  
 android:id="@+id/txt"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Please write your Shipment Details"  
 android:textSize="18dp"  
 android:textColor="@color/colorDark"  
 android:layout\_margin="25dp"  
 android:textAlignment="center"  
 android:textStyle="bold"  
 android:autoSizeTextType="uniform"** />  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="150dp"  
 android:orientation="vertical"  
 android:id="@+id/linear\_confirm\_order"  
 android:background="@drawable/input\_design"**>  
 <**EditText  
 android:id="@+id/shippment\_name"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="20dp"  
 android:layout\_below="@+id/txt"  
 android:layout\_marginLeft="20dp"  
 android:layout\_marginRight="20dp"  
 android:hint="Full Name"** />  
  
 <**EditText  
 android:id="@+id/shippment\_phone\_number"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/shippment\_name"  
 android:layout\_marginTop="5dp"  
 android:layout\_marginLeft="20dp"  
 android:inputType="phone"  
 android:layout\_marginRight="20dp"  
 android:hint="Phone Number"** />  
  
 <**EditText  
 android:id="@+id/shippment\_address"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/shippment\_phone\_number"  
 android:layout\_marginTop="5dp"  
 android:layout\_marginLeft="20dp"  
 android:layout\_marginRight="20dp"  
 android:hint="Home Address"** />  
  
 <**EditText  
 android:id="@+id/shippment\_city"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/shippment\_address"  
 android:layout\_marginTop="5dp"  
 android:layout\_marginLeft="20dp"  
 android:layout\_marginBottom="20dp"  
 android:layout\_marginRight="20dp"  
 android:hint="City Name"** />  
  
 </**LinearLayout**>  
 <**TextView  
 android:id="@+id/selectedDairy"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/linear\_confirm\_order"  
 android:text="Selected Dairy : "  
 android:layout\_marginTop="10dp"  
 android:layout\_marginLeft="10dp"  
 android:textSize="20dp"**/>  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/selected\_dairy\_name"  
 android:layout\_marginLeft="5dp"  
 android:layout\_marginTop="10dp"  
 android:textSize="20dp"  
 android:layout\_below="@id/linear\_confirm\_order"  
 android:layout\_toRightOf="@id/selectedDairy"**/>  
 <**Button  
 android:id="@+id/select\_dairy\_btn"  
 android:layout\_width="150dp"  
 android:layout\_height="wrap\_content"  
 android:text="Select Dairy"  
 android:background="@drawable/buttons"  
 android:layout\_marginTop="60dp"  
 android:layout\_marginLeft="230dp"  
 android:layout\_below="@id/linear\_confirm\_order"** />  
 <**Button  
 android:id="@+id/confirm\_final\_order\_btn"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentBottom="true"  
 android:layout\_margin="20dp"  
 android:text="Confirm"  
 android:background="@drawable/buttons"  
 android:textColor="@color/colorPrimary"  
 android:textSize="20dp"** />  
  
</**RelativeLayout**>

1. **res** 🡪 **layout** 🡪 **activity\_home.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**androidx.drawerlayout.widget.DrawerLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:id="@+id/drawer\_layout"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:fitsSystemWindows="true"  
 tools:openDrawer="start"**>  
  
 <**include  
 layout="@layout/app\_bar\_home"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"** />  
  
 <**com.google.android.material.navigation.NavigationView  
 android:id="@+id/nav\_view"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="match\_parent"  
 android:layout\_gravity="start"  
 android:fitsSystemWindows="true"  
 app:headerLayout="@layout/nav\_header\_home"  
 app:menu="@menu/activity\_home\_drawer"** />  
  
</**androidx.drawerlayout.widget.DrawerLayout**>

1. **res** 🡪 **layout** 🡪 **activity\_login.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**ScrollView  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@drawable/login"  
 tools:context=".LoginActivity"**>  
  
 <**RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"**>  
  
 <**ImageView  
 android:id="@+id/login\_applogo"  
 android:layout\_width="300dp"  
 android:layout\_height="100dp"  
 android:src="@drawable/logo"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="195dp"** />  
  
 <**EditText  
 android:id="@+id/login\_phone\_number\_input"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/login\_applogo"  
 android:background="@drawable/input\_design"  
 android:padding="20dp"  
 android:layout\_marginLeft="15dp"  
 android:layout\_marginRight="15dp"  
 android:hint="Phone Number"  
 android:inputType="phone"  
 android:textColor="@color/colorPrimary"  
 android:textColorHint="@color/colorDark"  
 android:textSize="19sp"** />  
  
  
 <**EditText  
 android:id="@+id/login\_password\_input"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/login\_phone\_number\_input"  
 android:background="@drawable/input\_design"  
 android:padding="20dp"  
 android:layout\_marginLeft="15dp"  
 android:layout\_marginRight="15dp"  
 android:layout\_marginTop="6dp"  
 android:hint="Password"  
 android:inputType="textPassword"  
 android:textColor="@color/colorPrimary"  
 android:textColorHint="@color/colorDark"  
 android:textSize="19sp"** />  
  
 <**LinearLayout  
 android:id="@+id/linear\_layout\_1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 android:layout\_below="@+id/login\_password\_input"  
 android:layout\_marginTop="5dp"** >  
  
 <**com.rey.material.widget.CheckBox  
 android:id="@+id/remember\_me\_chkb"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 style="@style/Material.Drawable.CheckBox"  
 android:text="Remember me"  
 android:textColor="@color/colorDark"  
 app:cbd\_strokeColor="@color/colorDark"  
 android:gravity="center\_vertical"  
 android:textSize="18sp"  
 android:layout\_marginLeft="17dp"** />  
  
 <**TextView  
 android:id="@+id/forget\_password\_link"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Forget Password?"  
 android:textColor="@color/colorDark"  
 android:textSize="19sp"  
 android:layout\_marginLeft="30dp"** />  
  
 </**LinearLayout**>  
  
  
 <**Button  
 android:id="@+id/login\_btn"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/linear\_layout\_1"  
 android:layout\_marginTop="5dp"  
 android:layout\_marginLeft="15dp"  
 android:layout\_marginRight="15dp"  
 android:background="@drawable/buttons"  
 android:padding="17dp"  
 android:textAllCaps="false"  
 android:textSize="18sp"  
 android:text="Login"  
 android:textColor="@color/colorPrimary"** />  
  
  
 <**TextView  
 android:id="@+id/admin\_panel\_link"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="I'm an Admin?"  
 android:layout\_alignParentEnd="true"  
 android:layout\_below="@+id/login\_btn"  
 android:textColor="@color/colorDark"  
 android:textSize="20sp"  
 android:textStyle="bold"  
 android:layout\_marginLeft="80dp"  
 android:layout\_marginEnd="23dp"** />  
  
  
 <**TextView  
 android:id="@+id/not\_admin\_panel\_link"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="I'm not an Admin?"  
 android:layout\_alignParentStart="true"  
 android:layout\_below="@+id/login\_btn"  
 android:textColor="@color/colorDark"  
 android:textSize="20sp"  
 android:textStyle="bold"  
 android:layout\_marginLeft="80dp"  
 android:layout\_marginStart="25dp"  
 android:visibility="invisible"** />  
 </**RelativeLayout**>  
  
</**ScrollView**>

1. **res** 🡪 **layout** 🡪 **activity\_main.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@drawable/welcome"  
 tools:context=".MainActivity"**>  
  
 <**TextView  
 android:id="@+id/app\_slogan"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentTop="true"  
 android:layout\_alignParentEnd="true"  
 android:layout\_marginTop="15dp"  
 android:fontFamily="@font/alex\_brush"  
 android:gravity="center"  
 android:text="Find, Discover, Choose and Buy Online."  
 android:textAlignment="center"  
 android:textColor="@color/colorDark"  
 android:textSize="40dp"  
 android:textStyle="bold"** />  
  
  
 <**Button  
 android:id="@+id/main\_login\_btn"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentStart="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginLeft="15dp"  
 android:layout\_marginRight="15dp"  
 android:layout\_marginBottom="10dp"  
 android:background="@drawable/buttons"  
 android:padding="20dp"  
 android:text="Already have an Account? Login"  
 android:textAllCaps="false"  
 android:textColor="@color/colorPrimary"  
 android:textSize="18sp"** />  
  
 <**Button  
 android:id="@+id/main\_join\_now\_btn"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_above="@+id/main\_login\_btn"  
 android:layout\_marginBottom="5dp"  
 android:layout\_marginLeft="15dp"  
 android:layout\_marginRight="15dp"  
 android:background="@drawable/input\_design"  
 android:padding="20dp"  
 android:textAllCaps="false"  
 android:textSize="18sp"  
 android:text="Join Now"  
 android:textColor="@color/colorPrimary"** />  
  
  
</**RelativeLayout**>

1. **res** 🡪 **layout** 🡪 **activity\_our\_sellers.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".OurSellers"**>  
  
 <**TextView  
 android:id="@+id/textView1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:gravity="center"  
 android:text="Our Sellers "  
 android:textColor="@android:color/white"  
 android:background="@color/colorPrimary"  
 android:textSize="30dp"  
 android:layout\_marginTop="5dp"  
 android:layout\_marginRight="10dp"  
 android:layout\_marginLeft="10dp"**/>  
  
 <**androidx.recyclerview.widget.RecyclerView  
 android:id="@+id/recycler\_seller"  
 android:layout\_below="@+id/textView1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_marginTop="5dp"**/>  
  
</**RelativeLayout**>

1. **res** 🡪 **layout** 🡪 **activity\_product\_details.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".ProductDetailsActivity"  
 android:orientation="vertical"**>  
  
 <**TextView  
 android:id="@+id/product\_name\_details"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="5dp"  
 android:background="@android:color/white"  
 android:text="Product Name"  
 android:textAlignment="center"  
 android:textColor="@color/colorDark"  
 android:textSize="25dp"**/>  
  
 <**ImageView  
 android:id="@+id/product\_image\_details"  
 android:layout\_width="250dp"  
 android:layout\_height="150dp"  
 android:layout\_marginTop="10dp"  
 android:scaleType="centerCrop"  
 android:layout\_gravity="center"** />  
 <**RelativeLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_marginTop="10dp"  
 android:layout\_height="wrap\_content"**>  
  
 <**TextView  
 android:id="@+id/product\_price\_details"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="5dp"  
 android:layout\_marginTop="15dp"  
 android:layout\_toRightOf="@id/pricesy"  
 android:text="Product Price"  
 android:textColor="@color/colorDark"  
 android:textSize="18dp"** />  
  
 <**TextView  
 android:id="@+id/price"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="20dp"  
 android:layout\_marginTop="15dp"  
 android:text="Price :"  
 android:textColor="@color/colorDark"  
 android:textSize="18dp"** />  
  
 <**TextView  
 android:id="@+id/pricesy"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_toRightOf="@+id/price"  
 android:layout\_marginLeft="10dp"  
 android:layout\_marginTop="15dp"  
 android:text="₹"  
 android:textSize="18dp"** />  
  
 </**RelativeLayout**>  
  
<**RelativeLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="20dp"  
 android:background="@drawable/input\_design"**>  
 <**TextView  
 android:id="@+id/product\_discription"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="10dp"  
 android:layout\_marginLeft="15dp"  
 android:layout\_marginRight="15dp"  
 android:textColor="@android:color/white"  
 android:background="@color/colorDark"  
 android:text=" Product Discription"  
 android:textSize="20sp"** />  
  
 <**TextView  
 android:id="@+id/product\_description\_details"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center"  
 android:layout\_marginRight="15dp"  
 android:layout\_marginLeft="15dp"  
 android:layout\_marginTop="15dp"  
 android:layout\_marginBottom="15dp"  
 android:layout\_below="@id/product\_discription"  
 android:text="hello "  
 android:textColor="@color/colorDark"  
 android:textSize="16dp"** />  
  
</**RelativeLayout**>  
  
  
 <**com.cepheuen.elegantnumberbutton.view.ElegantNumberButton  
 android:id="@+id/number\_btn"  
 android:layout\_width="150dp"  
 android:layout\_height="40dp"  
 android:elevation="6dp"  
 app:textSize="12dp"  
 app:initialNumber="1"  
 app:finalNumber="10"  
 android:layout\_centerHorizontal="true"  
 android:layout\_below="@+id/product\_description\_details"  
 android:layout\_marginTop="40dp"  
 android:layout\_gravity="center"** >  
 </**com.cepheuen.elegantnumberbutton.view.ElegantNumberButton**>  
  
  
 <**Button  
 android:id="@+id/pd\_add\_to\_cart\_button"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@drawable/buttons"  
 android:layout\_margin="15dp"  
 android:layout\_marginRight="10dp"  
 android:layout\_marginLeft="10dp"  
 android:layout\_alignParentBottom="true"  
 android:text="Add to Cart"  
 android:textColor="@color/colorPrimary"  
 android:textSize="18dp"** />  
  
</**LinearLayout**>

1. **res** 🡪 **layout** 🡪 **activity\_register.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**ScrollView xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@drawable/register"  
 tools:context=".RegisterActivity"**>  
  
 <**RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"**>  
  
 <**ImageView  
 android:id="@+id/register\_applogo"  
 android:layout\_width="300dp"  
 android:layout\_height="100dp"  
 android:src="@drawable/logo"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="260dp"** />  
  
 <**EditText  
 android:id="@+id/register\_username\_input"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/register\_applogo"  
 android:background="@drawable/input\_design"  
 android:padding="20dp"  
 android:layout\_marginLeft="15dp"  
 android:layout\_marginRight="15dp"  
 android:hint="Name"  
 android:inputType="text"  
 android:textColor="@color/colorPrimary"  
 android:textColorHint="@color/colorDark"  
 android:textSize="19sp"** />  
  
 <**EditText  
 android:id="@+id/register\_phone\_number\_input"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/register\_username\_input"  
 android:background="@drawable/input\_design"  
 android:padding="20dp"  
 android:layout\_marginLeft="15dp"  
 android:layout\_marginRight="15dp"  
 android:hint="Phone Number"  
 android:inputType="phone"  
 android:textColor="@color/colorPrimary"  
 android:textColorHint="@color/colorDark"  
 android:textSize="19sp"  
 android:layout\_marginTop="6dp"** />  
  
  
 <**EditText  
 android:id="@+id/register\_password\_input"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/register\_phone\_number\_input"  
 android:background="@drawable/input\_design"  
 android:padding="20dp"  
 android:layout\_marginLeft="15dp"  
 android:layout\_marginRight="15dp"  
 android:layout\_marginTop="6dp"  
 android:hint="Password"  
 android:inputType="textPassword"  
 android:textColor="@color/colorPrimary"  
 android:textColorHint="@color/colorDark"  
 android:textSize="19sp"** />  
  
  
 <**Button  
 android:id="@+id/register\_btn"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/register\_password\_input"  
 android:layout\_marginTop="5dp"  
 android:layout\_marginLeft="15dp"  
 android:layout\_marginRight="15dp"  
 android:background="@drawable/buttons"  
 android:padding="17dp"  
 android:textAllCaps="false"  
 android:textSize="18sp"  
 android:text="Create Account"  
 android:textColor="@color/colorPrimary"** />  
 </**RelativeLayout**>  
  
</**ScrollView**>

1. **res** 🡪 **layout** 🡪 **activity\_reset\_password.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**ScrollView  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".ResetPasswordActivity"**>  
 <**RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"**>  
  
  
 <**RelativeLayout  
 android:id="@+id/relative123"  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:background="@color/colorPrimaryDark"  
 android:layout\_alignParentTop="true"**>  
  
 <**TextView  
 android:id="@+id/page\_title"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Reset Password"  
 android:textStyle="bold"  
 android:textColor="@color/colorPrimary"  
 android:textSize="20dp"  
 android:textAlignment="center"  
 android:layout\_marginTop="10dp"** />  
  
 </**RelativeLayout**>  
  
  
 <**EditText  
 android:id="@+id/find\_phone\_number"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@drawable/input\_design"  
 android:padding="14dp"  
 android:inputType="phone"  
 android:layout\_margin="15dp"  
 android:layout\_below="@+id/relative123"  
 android:hint="Please write your phone number..."** />  
  
 <**TextView  
 android:id="@+id/title\_questions"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Answer the Following Security Questions?"  
 android:textColor="@color/colorDark"  
 android:gravity="center"  
 android:layout\_below="@+id/find\_phone\_number"  
 android:textSize="26dp"  
 android:layout\_marginTop="35dp"** />  
  
  
 <**EditText  
 android:id="@+id/question\_1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@drawable/input\_design"  
 android:padding="14dp"  
 android:layout\_margin="15dp"  
 android:layout\_below="@+id/title\_questions"  
 android:hint="Where your parents met, first time?"** />  
  
 <**EditText  
 android:id="@+id/question\_2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@drawable/input\_design"  
 android:padding="14dp"  
 android:layout\_margin="15dp"  
 android:layout\_below="@+id/question\_1"  
 android:hint="Who is your favorite super hero?"** />  
  
  
 <**Button  
 android:id="@+id/verify\_btn"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@drawable/buttons"  
 android:padding="14dp"  
 android:layout\_margin="15dp"  
 android:layout\_below="@+id/question\_2"  
 android:text="Verify"  
 android:textColor="@color/colorPrimary"  
 android:textStyle="bold"  
 android:textSize="20dp"** />  
 </**RelativeLayout**>  
  
</**ScrollView**>

1. **res** 🡪 **layout** 🡪 **activity\_search\_products.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@android:color/white"  
 tools:context=".SearchProductsActivity"**>  
  
 <**RelativeLayout  
 android:id="@+id/r5"  
 android:layout\_width="match\_parent"  
 android:layout\_height="60dp"  
 android:background="@color/colorPrimaryDark"  
 android:layout\_alignParentTop="true"  
 android:layout\_centerHorizontal="true"**>  
  
 <**com.rey.material.widget.EditText  
 android:id="@+id/search\_product\_name"  
 android:layout\_width="290dp"  
 android:layout\_height="wrap\_content"  
 android:hint="Search By Product Name"  
 android:textSize="18dp"  
 android:textStyle="bold"  
 android:background="@android:color/white"  
 android:padding="9dp"  
 android:layout\_marginStart="17dp"  
 android:layout\_centerVertical="true"  
 android:textColorHint="@color/colorDark"** />  
  
 <**Button  
 android:id="@+id/search\_btn"  
 android:layout\_width="52dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="5dp"  
 android:layout\_marginLeft="4dp"  
 android:layout\_toRightOf="@+id/search\_product\_name"  
 android:background="@drawable/ic\_search\_black\_24dp"  
 android:padding="9dp"  
 android:textColor="@android:color/white"** />  
  
 </**RelativeLayout**>  
  
  
  
 <**androidx.recyclerview.widget.RecyclerView  
 android:id="@+id/search\_list"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_below="@+id/r5"**>  
 </**androidx.recyclerview.widget.RecyclerView**>  
  
</**RelativeLayout**>

1. **res** 🡪 **layout** 🡪 **activity\_sellers\_details.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".ProductDetailsActivity"  
 android:orientation="vertical"**>  
  
 <**TextView  
 android:id="@+id/seller\_name\_details"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="5dp"  
 android:background="@android:color/white"  
 android:text="Seller Name"  
 android:textAlignment="center"  
 android:textColor="@color/colorDark"  
 android:textSize="25dp"**/>  
  
 <**ImageView  
 android:id="@+id/seller\_image\_details"  
 android:layout\_width="250dp"  
 android:layout\_height="150dp"  
 android:layout\_marginTop="10dp"  
 android:scaleType="centerCrop"  
 android:layout\_gravity="center"** />  
  
<**RelativeLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="20dp"  
 android:background="@drawable/input\_design"**>  
 <**TextView  
 android:id="@+id/dairy\_discription"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="10dp"  
 android:layout\_marginLeft="15dp"  
 android:layout\_marginRight="15dp"  
 android:background="@color/colorDark"  
 android:text=" Dairy Discription"  
 android:textColor="@android:color/white"  
 android:textSize="20sp"** />  
  
 <**TextView  
 android:id="@+id/dairy\_description\_details"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center"  
 android:layout\_marginLeft="15dp"  
 android:layout\_marginRight="15dp"  
 android:layout\_marginTop="15dp"  
 android:layout\_marginBottom="15dp"  
 android:text="hello"  
 android:layout\_below="@+id/dairy\_discription"  
 android:textColor="@color/colorDark"  
 android:textSize="16dp"** />  
</**RelativeLayout**>  
 <**RelativeLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_marginTop="10dp"  
 android:layout\_height="wrap\_content"**>  
  
 <**TextView  
 android:id="@+id/seller\_addres\_details"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="10dp"  
 android:layout\_marginTop="15dp"  
 android:layout\_toRightOf="@id/seller\_address"  
 android:text="Address Details"  
 android:textColor="@color/colorDark"  
 android:textSize="18dp"** />  
  
 <**TextView  
 android:id="@+id/seller\_address"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="20dp"  
 android:layout\_marginTop="15dp"  
 android:text="Address : "  
 android:textColor="@color/colorDark"  
 android:textSize="18dp"** />  
  
  
  
 </**RelativeLayout**>  
  
  
  
  
  
 <**Button  
 android:id="@+id/seller\_add\_button"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@drawable/buttons"  
 android:layout\_marginTop="20dp"  
 android:layout\_marginLeft="10dp"  
 android:layout\_marginRight="10dp"  
 android:layout\_alignParentBottom="true"  
 android:text="Select Dairy"  
 android:textColor="@color/colorPrimary"  
 android:textSize="18dp"** />  
  
</**LinearLayout**>

1. **res** 🡪 **layout** 🡪 **activity\_settings:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**ScrollView  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".SettingsActivity"**>  
  
 <**RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"**>  
  
 <**com.google.android.material.appbar.AppBarLayout  
 android:id="@+id/app\_bar\_settings"  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:background="@color/colorPrimaryDark"**>  
  
 <**androidx.appcompat.widget.Toolbar  
 android:id="@+id/toolbar\_settings"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"**>  
  
 <**RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"**>  
  
 <**TextView  
 android:id="@+id/close\_settings\_btn"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Close"  
 android:textColor="@color/colorPrimary"  
 android:textSize="17sp"  
 android:textStyle="bold"  
 android:layout\_alignParentStart="true"** />  
  
 <**TextView  
 android:id="@+id/update\_account\_settings\_btn"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Update"  
 android:textColor="@color/colorPrimary"  
 android:textSize="17sp"  
 android:textStyle="bold"  
 android:layout\_marginRight="10dp"  
 android:layout\_alignParentEnd="true"** />  
  
 </**RelativeLayout**>  
  
 </**androidx.appcompat.widget.Toolbar**>  
  
 </**com.google.android.material.appbar.AppBarLayout**>  
  
  
  
 <**de.hdodenhof.circleimageview.CircleImageView  
 android:id="@+id/settings\_profile\_image"  
 android:layout\_width="130dp"  
 android:layout\_height="130dp"  
 android:src="@drawable/profile"  
 android:layout\_below="@+id/app\_bar\_settings"  
 android:layout\_marginTop="20dp"  
 android:layout\_centerHorizontal="true"** />  
  
 <**TextView  
 android:id="@+id/profile\_image\_change\_btn"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Change Profile"  
 android:textSize="17sp"  
 android:textStyle="bold"  
 android:layout\_marginRight="10dp"  
 android:layout\_marginTop="4dp"  
 android:textColor="@android:color/black"  
 android:layout\_below="@+id/settings\_profile\_image"  
 android:layout\_centerHorizontal="true"** />  
  
 <**EditText  
 android:id="@+id/settings\_phone\_number"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/profile\_image\_change\_btn"  
 android:hint="Phone Number..."  
 android:inputType="phone"  
 android:layout\_margin="15dp"  
 android:padding="10dp"** />  
  
 <**EditText  
 android:id="@+id/settings\_full\_name"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/settings\_phone\_number"  
 android:hint="Full Name..."  
 android:layout\_margin="15dp"  
 android:padding="10dp"** />  
  
 <**EditText  
 android:id="@+id/settings\_address"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/settings\_full\_name"  
 android:hint="Address..."  
 android:layout\_margin="15dp"  
 android:padding="10dp"** />  
  
  
 <**Button  
 android:id="@+id/security\_questions\_btn"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/settings\_address"  
 android:text="Set Security Questions"  
 android:background="@drawable/buttons"  
 android:textColor="@color/colorPrimary"  
 android:layout\_margin="15dp"  
 android:padding="10dp"** />  
 </**RelativeLayout**>  
</**ScrollView**>

1. **res** 🡪 **layout** 🡪 **activity\_splash.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@android:color/white"  
 android:id="@+id/splash"  
 tools:context=".Splash"**>  
  
 <**ImageView  
 android:layout\_width="232dp"  
 android:layout\_height="198dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.449"  
 app:srcCompat="@mipmap/ic\_launcher\_logo\_round"  
 tools:ignore="MissingConstraints"** />  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="256dp"  
 android:text="www.blackdairy.com"  
 android:textColor="#454545"  
 android:textSize="17dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"** />  
</**androidx.constraintlayout.widget.ConstraintLayout**>

1. **res** 🡪 **layout** 🡪 **app\_bar\_home.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**androidx.coordinatorlayout.widget.CoordinatorLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".HomeActivity"**>  
  
 <**com.google.android.material.appbar.AppBarLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:theme="@style/AppTheme.AppBarOverlay"**>  
  
 <**androidx.appcompat.widget.Toolbar  
 android:id="@+id/toolbar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="?attr/actionBarSize"  
 android:background="?attr/colorPrimary"  
 app:popupTheme="@style/AppTheme.PopupOverlay"** />  
  
 </**com.google.android.material.appbar.AppBarLayout**>  
  
 <**include layout="@layout/content\_home"** />  
  
 <**com.google.android.material.floatingactionbutton.FloatingActionButton  
 android:id="@+id/fab"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="bottom|end"  
 android:layout\_margin="@dimen/fab\_margin"  
 android:backgroundTint="@android:color/white"  
 app:srcCompat="@drawable/nav\_cart"** />  
  
</**androidx.coordinatorlayout.widget.CoordinatorLayout**>

1. **res** 🡪 **layout** 🡪 **cart\_items\_layout.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**androidx.cardview.widget.CardView xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 android:layout\_margin="10dp"  
 android:outlineAmbientShadowColor="@android:color/white"  
 android:outlineSpotShadowColor="@android:color/white"  
 app:cardElevation="15dp"**>  
  
 <**RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:padding="10dp"  
 android:outlineAmbientShadowColor="@android:color/white"  
 android:outlineSpotShadowColor="@android:color/white"  
 android:background="@drawable/recyler\_design"**>  
  
 <**TextView  
 android:id="@+id/cart\_product\_name"  
 android:layout\_width="160dp"  
 android:layout\_height="wrap\_content"  
 android:text="Product Name"  
 android:textColor="@color/colorPrimary"  
 android:textSize="15dp"  
 android:layout\_marginLeft="2dp"  
 android:textStyle="bold"** />  
  
 <**TextView  
 android:id="@+id/cart\_product\_quantity"  
 android:layout\_width="160dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:text="Product Quantity"  
 android:textAlignment="viewEnd"  
 android:textColor="@color/colorPrimary"  
 android:textSize="15dp"  
 android:layout\_marginRight="2dp"  
 android:textStyle="bold"** />  
  
 <**TextView  
 android:id="@+id/cart\_product\_price"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Product Price"  
 android:textColor="@color/colorPrimary"  
 android:textSize="18dp"  
 android:textStyle="bold"  
 android:layout\_below="@+id/cart\_product\_quantity"  
 android:gravity="center"  
 android:layout\_marginTop="15dp"** />  
  
 </**RelativeLayout**>  
  
</**androidx.cardview.widget.CardView**>

1. **res** 🡪 **layout** 🡪 **content\_home.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**ScrollView  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 app:layout\_behavior="@string/appbar\_scrolling\_view\_behavior"  
 tools:showIn="@layout/app\_bar\_home"**>  
  
 <**RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:id="@+id/product\_view"**>  
  
 <**com.denzcoskun.imageslider.ImageSlider  
 android:id="@+id/slider1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="190dp"  
 android:layout\_marginTop="05dp"  
 app:auto\_cycle="true"  
 app:corner\_radius="10"** />  
  
 <**TextView  
 android:id="@+id/textView18"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="400dp"  
 android:background="@color/colorPrimaryDark"  
 android:text="Our Product"  
 android:paddingLeft="20dp"  
 android:textSize="22dp"** />  
  
  
  
 <**TextView  
 android:id="@+id/textView7"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="205dp"  
 android:background="@color/colorPrimaryDark"  
 android:paddingLeft="20dp"  
 android:text="Available Products"  
 android:textSize="22dp"** />  
  
 <**HorizontalScrollView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="130dp"  
 android:layout\_marginTop="235dp"  
 android:scrollbarThumbHorizontal="@null"  
 android:scrollbarThumbVertical="@null"**>  
  
 <**LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="130dp"  
 android:layout\_marginTop="5dp"**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/c1"  
 android:outlineSpotShadowColor="@color/colorPrimary"  
 android:outlineAmbientShadowColor="@color/colorPrimary"  
 android:layout\_width="200dp"  
 android:layout\_height="130dp"  
 android:layout\_marginLeft="5dp"  
 android:paddingTop="205dp"**>  
  
 <**TextView  
 android:id="@+id/textView6"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="100dp"  
 android:text="Ghee"  
 android:textSize="18dp"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton5"  
 android:layout\_width="200dp"  
 android:layout\_height="100dp"  
 app:srcCompat="@drawable/ghee"** />  
 </**androidx.cardview.widget.CardView**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/c2"  
 android:layout\_width="200dp"  
 android:layout\_height="130dp"  
 android:layout\_marginLeft="5dp"**>  
  
 <**TextView  
 android:id="@+id/textView5"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="100dp"  
 android:text="Curd"  
 android:textSize="18dp"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton4"  
 android:layout\_width="200dp"  
 android:layout\_height="100dp"  
 app:srcCompat="@drawable/curd"** />  
 </**androidx.cardview.widget.CardView**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/c3"  
 android:layout\_width="200dp"  
 android:layout\_height="130dp"  
 android:layout\_marginLeft="5dp"**>  
  
 <**TextView  
 android:id="@+id/textView3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="100dp"  
 android:text="Butter"  
 android:textSize="18dp"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton3"  
 android:layout\_width="200dp"  
 android:layout\_height="100dp"  
 app:srcCompat="@drawable/butter"** />  
 </**androidx.cardview.widget.CardView**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/c4"  
 android:layout\_width="200dp"  
 android:layout\_height="130dp"  
 android:layout\_marginLeft="5dp"**>  
  
 <**TextView  
 android:id="@+id/textView9"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="100dp"  
 android:text="Khoya"  
 android:textSize="18dp"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton6"  
 android:layout\_width="200dp"  
 android:layout\_height="100dp"  
 app:srcCompat="@drawable/khoya"** />  
 </**androidx.cardview.widget.CardView**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/c5"  
 android:layout\_width="200dp"  
 android:layout\_height="130dp"  
 android:layout\_marginLeft="5dp"**>  
  
 <**TextView  
 android:id="@+id/textView10"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="100dp"  
 android:text="Lassi"  
 android:textSize="18dp"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton7"  
 android:layout\_width="200dp"  
 android:layout\_height="100dp"  
 app:srcCompat="@drawable/lassi"** />  
 </**androidx.cardview.widget.CardView**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/c6"  
 android:layout\_width="200dp"  
 android:layout\_height="130dp"  
 android:layout\_marginLeft="5dp"**>  
  
 <**TextView  
 android:id="@+id/textView11"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="100dp"  
 android:text="Milk"  
 android:textSize="18dp"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton8"  
 android:layout\_width="200dp"  
 android:layout\_height="100dp"  
 app:srcCompat="@drawable/milk"** />  
 </**androidx.cardview.widget.CardView**>  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/c7"  
 android:layout\_width="200dp"  
 android:layout\_height="130dp"  
 android:layout\_marginLeft="5dp"**>  
  
 <**TextView  
 android:id="@+id/textView13"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="100dp"  
 android:text="Milk Cream"  
 android:textSize="18dp"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton9"  
 android:layout\_width="200dp"  
 android:layout\_height="100dp"  
 app:srcCompat="@drawable/milkcream"** />  
 </**androidx.cardview.widget.CardView**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/c8"  
 android:layout\_width="200dp"  
 android:layout\_height="130dp"  
 android:layout\_marginLeft="5dp"**>  
  
 <**TextView  
 android:id="@+id/textView14"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="100dp"  
 android:text="Paneer"  
 android:textSize="18dp"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton10"  
 android:layout\_width="200dp"  
 android:layout\_height="100dp"  
 app:srcCompat="@drawable/panir"** />  
 </**androidx.cardview.widget.CardView**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/c9"  
 android:layout\_width="200dp"  
 android:layout\_height="130dp"  
 android:layout\_marginLeft="5dp"**>  
  
 <**TextView  
 android:id="@+id/textView15"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="100dp"  
 android:text="Yogurt"  
 android:textSize="18dp"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton11"  
 android:layout\_width="200dp"  
 android:layout\_height="100dp"  
 app:srcCompat="@drawable/yogurt"** />  
 </**androidx.cardview.widget.CardView**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/c10"  
 android:outlineSpotShadowColor="@color/colorPrimary"  
 android:outlineAmbientShadowColor="@color/colorPrimary"  
 android:layout\_width="200dp"  
 android:layout\_height="130dp"  
 android:layout\_marginLeft="5dp"  
 android:paddingTop="205dp"**>  
  
 <**TextView  
 android:id="@+id/textView19"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="100dp"  
 android:text="Amul Cheese"  
 android:textSize="18dp"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton12"  
 android:layout\_width="200dp"  
 android:layout\_height="100dp"  
 app:srcCompat="@drawable/amulcheddarcheese"** />  
 </**androidx.cardview.widget.CardView**>  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/c11"  
 android:outlineSpotShadowColor="@color/colorPrimary"  
 android:outlineAmbientShadowColor="@color/colorPrimary"  
 android:layout\_width="200dp"  
 android:layout\_height="130dp"  
 android:layout\_marginLeft="5dp"  
 android:paddingTop="205dp"**>  
  
 <**TextView  
 android:id="@+id/textView20"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="100dp"  
 android:text="Badam Milk"  
 android:textSize="18dp"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton13"  
 android:layout\_width="200dp"  
 android:layout\_height="100dp"  
 app:srcCompat="@drawable/badammilk"** />  
 </**androidx.cardview.widget.CardView**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/c12"  
 android:outlineSpotShadowColor="@color/colorPrimary"  
 android:outlineAmbientShadowColor="@color/colorPrimary"  
 android:layout\_width="200dp"  
 android:layout\_height="130dp"  
 android:layout\_marginLeft="5dp"  
 android:paddingTop="205dp"**>  
  
 <**TextView  
 android:id="@+id/textView21"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="100dp"  
 android:text="Choco IceCream"  
 android:textSize="18dp"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton14"  
 android:layout\_width="200dp"  
 android:layout\_height="100dp"  
 app:srcCompat="@drawable/chocolateicecream"** />  
 </**androidx.cardview.widget.CardView**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/c13"  
 android:outlineSpotShadowColor="@color/colorPrimary"  
 android:outlineAmbientShadowColor="@color/colorPrimary"  
 android:layout\_width="200dp"  
 android:layout\_height="130dp"  
 android:layout\_marginLeft="5dp"  
 android:paddingTop="205dp"**>  
  
 <**TextView  
 android:id="@+id/textView22"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="100dp"  
 android:text="Coconut Milk"  
 android:textSize="18dp"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton15"  
 android:layout\_width="200dp"  
 android:layout\_height="100dp"  
 app:srcCompat="@drawable/coconutmilk"** />  
 </**androidx.cardview.widget.CardView**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/c14"  
 android:outlineSpotShadowColor="@color/colorPrimary"  
 android:outlineAmbientShadowColor="@color/colorPrimary"  
 android:layout\_width="200dp"  
 android:layout\_height="130dp"  
 android:layout\_marginLeft="5dp"  
 android:paddingTop="205dp"**>  
  
 <**TextView  
 android:id="@+id/textView23"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="100dp"  
 android:text="Fresh Cheese"  
 android:textSize="18dp"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton16"  
 android:layout\_width="200dp"  
 android:layout\_height="100dp"  
 app:srcCompat="@drawable/freshcheese"** />  
 </**androidx.cardview.widget.CardView**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/c15"  
 android:outlineSpotShadowColor="@color/colorPrimary"  
 android:outlineAmbientShadowColor="@color/colorPrimary"  
 android:layout\_width="200dp"  
 android:layout\_height="130dp"  
 android:layout\_marginLeft="5dp"  
 android:paddingTop="205dp"**>  
  
 <**TextView  
 android:id="@+id/textView24"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="100dp"  
 android:text="Milk Papdi"  
 android:textSize="18dp"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton17"  
 android:layout\_width="200dp"  
 android:layout\_height="100dp"  
 app:srcCompat="@drawable/glasses"** />  
 </**androidx.cardview.widget.CardView**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/c16"  
 android:outlineSpotShadowColor="@color/colorPrimary"  
 android:outlineAmbientShadowColor="@color/colorPrimary"  
 android:layout\_width="200dp"  
 android:layout\_height="130dp"  
 android:layout\_marginLeft="5dp"  
 android:paddingTop="205dp"**>  
  
 <**TextView  
 android:id="@+id/textView25"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="100dp"  
 android:text="Mini Paneer Cubes"  
 android:textSize="18dp"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton18"  
 android:layout\_width="200dp"  
 android:layout\_height="100dp"  
 app:srcCompat="@drawable/hats"** />  
 </**androidx.cardview.widget.CardView**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/c17"  
 android:outlineSpotShadowColor="@color/colorPrimary"  
 android:outlineAmbientShadowColor="@color/colorPrimary"  
 android:layout\_width="200dp"  
 android:layout\_height="130dp"  
 android:layout\_marginLeft="5dp"  
 android:paddingTop="205dp"**>  
  
 <**TextView  
 android:id="@+id/textView26"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="100dp"  
 android:text="Ice Creams"  
 android:textSize="18dp"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton19"  
 android:layout\_width="200dp"  
 android:layout\_height="100dp"  
 app:srcCompat="@drawable/headphoness"** />  
 </**androidx.cardview.widget.CardView**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/c18"  
 android:outlineSpotShadowColor="@color/colorPrimary"  
 android:outlineAmbientShadowColor="@color/colorPrimary"  
 android:layout\_width="200dp"  
 android:layout\_height="130dp"  
 android:layout\_marginLeft="5dp"  
 android:paddingTop="205dp"**>  
  
 <**TextView  
 android:id="@+id/textView27"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="100dp"  
 android:text="Keser Dudh"  
 android:textSize="18dp"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton20"  
 android:layout\_width="200dp"  
 android:layout\_height="100dp"  
 app:srcCompat="@drawable/laptops"** />  
 </**androidx.cardview.widget.CardView**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/c19"  
 android:outlineSpotShadowColor="@color/colorPrimary"  
 android:outlineAmbientShadowColor="@color/colorPrimary"  
 android:layout\_width="200dp"  
 android:layout\_height="130dp"  
 android:layout\_marginLeft="5dp"  
 android:paddingTop="205dp"**>  
  
 <**TextView  
 android:id="@+id/textView28"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="100dp"  
 android:text="Masala Milk"  
 android:textSize="18dp"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton21"  
 android:layout\_width="200dp"  
 android:layout\_height="100dp"  
 app:srcCompat="@drawable/masalamilk"** />  
 </**androidx.cardview.widget.CardView**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/c20"  
 android:outlineSpotShadowColor="@color/colorPrimary"  
 android:outlineAmbientShadowColor="@color/colorPrimary"  
 android:layout\_width="200dp"  
 android:layout\_height="130dp"  
 android:layout\_marginLeft="5dp"  
 android:paddingTop="205dp"**>  
  
 <**TextView  
 android:id="@+id/textView29"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="100dp"  
 android:text="Milk Powder"  
 android:textSize="18dp"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton22"  
 android:layout\_width="200dp"  
 android:layout\_height="100dp"  
 app:srcCompat="@drawable/milkpowder"** />  
 </**androidx.cardview.widget.CardView**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/c21"  
 android:outlineSpotShadowColor="@color/colorPrimary"  
 android:outlineAmbientShadowColor="@color/colorPrimary"  
 android:layout\_width="200dp"  
 android:layout\_height="130dp"  
 android:layout\_marginLeft="5dp"  
 android:paddingTop="205dp"**>  
  
 <**TextView  
 android:id="@+id/textView30"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="100dp"  
 android:text="Milk Shakes"  
 android:textSize="18dp"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton23"  
 android:layout\_width="200dp"  
 android:layout\_height="100dp"  
 app:srcCompat="@drawable/milkshakes"** />  
 </**androidx.cardview.widget.CardView**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/c22"  
 android:outlineSpotShadowColor="@color/colorPrimary"  
 android:outlineAmbientShadowColor="@color/colorPrimary"  
 android:layout\_width="200dp"  
 android:layout\_height="130dp"  
 android:layout\_marginLeft="5dp"  
 android:paddingTop="205dp"**>  
  
 <**TextView  
 android:id="@+id/textView31"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="100dp"  
 android:text="Sheep Milk"  
 android:textSize="18dp"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton24"  
 android:layout\_width="200dp"  
 android:layout\_height="100dp"  
 app:srcCompat="@drawable/purses\_bags"** />  
 </**androidx.cardview.widget.CardView**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/c23"  
 android:outlineSpotShadowColor="@color/colorPrimary"  
 android:outlineAmbientShadowColor="@color/colorPrimary"  
 android:layout\_width="200dp"  
 android:layout\_height="130dp"  
 android:layout\_marginLeft="5dp"  
 android:paddingTop="205dp"**>  
  
 <**TextView  
 android:id="@+id/textView32"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="100dp"  
 android:text="White Coconut Milk"  
 android:textSize="18dp"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton25"  
 android:layout\_width="200dp"  
 android:layout\_height="100dp"  
 app:srcCompat="@drawable/whitecoconutmilk"** />  
 </**androidx.cardview.widget.CardView**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/c24"  
 android:outlineSpotShadowColor="@color/colorPrimary"  
 android:outlineAmbientShadowColor="@color/colorPrimary"  
 android:layout\_width="200dp"  
 android:layout\_height="130dp"  
 android:layout\_marginLeft="5dp"  
 android:paddingTop="205dp"**>  
  
 <**TextView  
 android:id="@+id/textView33"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="100dp"  
 android:text="Matka Milk"  
 android:textSize="18dp"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton26"  
 android:layout\_width="200dp"  
 android:layout\_height="100dp"  
 app:srcCompat="@drawable/tshirts"** />  
 </**androidx.cardview.widget.CardView**>  
  
 <**androidx.cardview.widget.CardView  
 android:id="@+id/c25"  
 android:outlineSpotShadowColor="@color/colorPrimary"  
 android:outlineAmbientShadowColor="@color/colorPrimary"  
 android:layout\_width="200dp"  
 android:layout\_height="130dp"  
 android:layout\_marginLeft="5dp"  
 android:paddingTop="205dp"**>  
  
 <**TextView  
 android:id="@+id/textView34"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="100dp"  
 android:text="Yellow Cheese"  
 android:textSize="18dp"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton27"  
 android:layout\_width="200dp"  
 android:layout\_height="100dp"  
 app:srcCompat="@drawable/watches"** />  
 </**androidx.cardview.widget.CardView**>  
  
  
  
 </**LinearLayout**>  
 </**HorizontalScrollView**>  
  
 <**androidx.recyclerview.widget.RecyclerView  
 android:id="@+id/recycler\_menu"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:scrollbars="vertical"  
 android:layout\_below="@+id/textView18"  
 android:layout\_marginTop="15dp"**>  
  
 </**androidx.recyclerview.widget.RecyclerView**>  
  
 </**RelativeLayout**>  
  
</**ScrollView**>

1. **res** 🡪 **layout** 🡪 **fragment\_gallery.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".ui.gallery.GalleryFragment"**>  
  
 <**TextView  
 android:id="@+id/text\_gallery"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginEnd="8dp"  
 android:textAlignment="center"  
 android:textSize="20sp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"** />  
</**androidx.constraintlayout.widget.ConstraintLayout**>

1. **res** 🡪 **layout** 🡪 **fragment\_home.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".ui.home.HomeFragment"**>  
  
 <**TextView  
 android:id="@+id/text\_home"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginEnd="8dp"  
 android:textAlignment="center"  
 android:textSize="20sp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"** />  
</**androidx.constraintlayout.widget.ConstraintLayout**>

1. **res** 🡪 **layout** 🡪 **fragment\_slideshow.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".ui.slideshow.SlideshowFragment"**>  
  
 <**TextView  
 android:id="@+id/text\_slideshow"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginEnd="8dp"  
 android:textAlignment="center"  
 android:textSize="20sp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"** />  
</**androidx.constraintlayout.widget.ConstraintLayout**>

1. **res** 🡪 **layout** 🡪 **nav\_header\_home.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 android:layout\_width="match\_parent"  
 android:layout\_height="200dp"  
 android:background="@color/colorPrimary"  
 android:gravity="bottom"  
 android:orientation="vertical"  
 android:paddingBottom="@dimen/activity\_vertical\_margin"  
 android:paddingLeft="@dimen/activity\_horizontal\_margin"  
 android:paddingRight="@dimen/activity\_horizontal\_margin"  
 android:paddingTop="@dimen/activity\_vertical\_margin"  
 android:theme="@style/ThemeOverlay.AppCompat.Dark"**>  
  
  
 <**de.hdodenhof.circleimageview.CircleImageView  
 android:id="@+id/user\_profile\_image"  
 android:layout\_width="114dp"  
 android:layout\_height="122dp"  
 android:src="@drawable/profile"  
 app:civ\_border\_color="@color/colorPrimary"  
 app:civ\_border\_width="2dp"** />  
  
  
 <**TextView  
 android:id="@+id/user\_profile\_name"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="23dp"  
  
 android:fontFamily="@font/abhaya\_libre"  
 android:text="user name"  
 android:textAppearance="@style/TextAppearance.AppCompat.Body1"  
 android:textColor="#FFC107"  
 android:textSize="20dp"** />  
  
  
</**LinearLayout**>

1. **res** 🡪 **layout** 🡪 **orders\_layout.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/order\_layout"**>  
  
 <**RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:padding="10dp"  
 android:layout\_margin="20dp"  
 android:background="@color/colorPrimaryDark"**>  
  
 <**TextView  
 android:id="@+id/order\_user\_name"  
 android:layout\_width="160dp"  
 android:layout\_height="wrap\_content"  
 android:text="UserName"  
 android:textColor="@color/colorPrimary"  
 android:textSize="15dp"  
 android:layout\_marginLeft="2dp"  
 android:textStyle="bold"** />  
  
 <**TextView  
 android:id="@+id/order\_phone\_number"  
 android:layout\_width="160dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:text="Phone Number"  
 android:textAlignment="viewEnd"  
 android:textColor="@color/colorPrimary"  
 android:textSize="15dp"  
 android:layout\_marginRight="2dp"  
 android:textStyle="bold"** />  
  
 <**TextView  
 android:id="@+id/order\_total\_price"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Total Price"  
 android:textColor="@color/colorPrimary"  
 android:textSize="16dp"  
 android:textStyle="bold"  
 android:layout\_below="@+id/cart\_product\_quantity"  
 android:gravity="center"  
 android:layout\_marginTop="45dp"** />  
  
 <**TextView  
 android:id="@+id/order\_address\_city"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Address, City"  
 android:textColor="@color/colorPrimary"  
 android:textSize="16dp"  
 android:textStyle="bold"  
 android:layout\_below="@+id/order\_total\_price"  
 android:gravity="center"  
 android:layout\_marginTop="15dp"** />  
  
 <**TextView  
 android:id="@+id/order\_date\_time"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Date Time"  
 android:textColor="@color/colorPrimary"  
 android:textSize="16dp"  
 android:textStyle="bold"  
 android:layout\_below="@+id/order\_address\_city"  
 android:gravity="center"  
 android:layout\_marginTop="15dp"** />  
  
 <**Button  
 android:id="@+id/show\_all\_products\_btn"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="20dp"  
 android:layout\_marginRight="20dp"  
 android:layout\_marginTop="29dp"  
 android:layout\_marginBottom="10dp"  
 android:text="Show This Order Products"  
 android:textColor="@color/colorPrimary"  
 android:textSize="15dp"  
 android:textAllCaps="false"  
 android:background="@drawable/buttons"  
 android:backgroundTint="@android:color/white"  
 android:layout\_below="@+id/order\_date\_time"** />  
  
 </**RelativeLayout**>  
  
</**RelativeLayout**>

1. **res** 🡪 **layout** 🡪 **product\_items\_layout.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**androidx.cardview.widget.CardView xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="15dp"  
 android:layout\_marginTop="10dp"  
 android:layout\_marginEnd="15dp"  
 android:background="@color/colorPrimaryDark"  
 android:outlineAmbientShadowColor="@android:color/white"  
 android:outlineSpotShadowColor="@android:color/white"  
 app:cardElevation="15dp"**>  
  
 <**RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:outlineAmbientShadowColor="@android:color/white"  
 android:outlineSpotShadowColor="@android:color/white"  
 android:background="@drawable/recyler\_design"**>  
  
 <**TextView  
 android:id="@+id/product\_name"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Product Name"  
 android:textAlignment="center"  
 android:textColor="@color/colorPrimary"  
 android:textSize="25dp"  
 android:textStyle="bold"** />  
  
 <**ImageView  
 android:id="@+id/product\_image"  
 android:layout\_width="250dp"  
 android:layout\_height="150dp"  
 android:layout\_below="@+id/product\_name"  
 android:layout\_marginLeft="60dp"  
 android:layout\_marginRight="60dp"  
 android:layout\_marginTop="2dp"  
 android:scaleType="centerCrop"** />  
  
 <**TextView  
 android:id="@+id/product\_price"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/product\_image"  
 android:text="Product Price"  
 android:textAlignment="center"  
 android:textColor="#CC1C1A1A"  
 android:textSize="20dp"** />  
  
 *<!--<TextView  
 android:id="@+id/product\_description"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/product\_price"  
 android:layout\_marginTop="2dp"  
 android:text="Product Description"  
 android:textAlignment="center"  
 android:textColor="#CC1C1A1A"  
 android:textSize="16dp" />-->* </**RelativeLayout**>  
  
</**androidx.cardview.widget.CardView**>

1. **res** 🡪 **menu** 🡪 **activity\_home\_drawer.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**menu xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 tools:showIn="navigation\_view"**>  
  
 <**group android:checkableBehavior="single"**>  
 <**item  
 android:id="@+id/nav\_cart"  
 android:icon="@drawable/nav\_cart"  
 android:title="Cart"  
 android:iconTint="@android:color/white"**/>  
 <**item  
 android:id="@+id/nav\_search"  
 android:icon="@drawable/orders"  
 android:title="Search"  
 android:iconTint="@android:color/white"**/>  
  
 <**item  
 android:id="@+id/oursellers"  
 android:icon="@drawable/ic\_people\_black\_24dp"  
 android:title="Our Sellers"  
 android:iconTint="@android:color/white"**/>  
 <**item  
 android:id="@+id/nav\_settings"  
 android:icon="@drawable/ic\_menu\_manage"  
 android:title="Settings"  
 android:iconTint="@android:color/white"**/>  
 <**item  
 android:id="@+id/nav\_logout"  
 android:icon="@drawable/logout"  
 android:title="Logout"  
 android:iconTint="@android:color/white"**/>  
 <**item  
 android:id="@+id/maps"  
 android:icon="@drawable/ic\_map\_black\_24dp"  
 android:title="Show Maps"  
 android:iconTint="@android:color/white"**/>  
 </**group**>  
</**menu**>

*<?***xml version="1.0" encoding="utf-8"***?>*<**androidx.cardview.widget.CardView xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 android:layout\_margin="10dp"  
 android:outlineAmbientShadowColor="@android:color/white"  
 android:outlineSpotShadowColor="@android:color/white"  
 app:cardElevation="15dp"**>  
  
 <**RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:padding="10dp"  
 android:outlineAmbientShadowColor="@android:color/white"  
 android:outlineSpotShadowColor="@android:color/white"  
 android:background="@drawable/recyler\_design"**>  
  
 <**de.hdodenhof.circleimageview.CircleImageView  
 android:id="@+id/imgicon"  
 android:layout\_width="100dp"  
 android:layout\_height="100dp"  
 android:src="@drawable/ic\_map\_black\_24dp"** />  
  
 <**TextView  
 android:id="@+id/txtTitle"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_toRightOf="@+id/imgicon"  
 android:layout\_marginTop="27dp"  
 android:layout\_marginLeft="22dp"  
 android:text="helllooo"  
 android:textSize="25dp"** />  
  
  
 </**RelativeLayout**>  
  
</**androidx.cardview.widget.CardView**>

1. **res** 🡪 **menu** 🡪 **home.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**menu xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"**>  
  
 <**item  
 android:title="Feeback"  
 android:iconTint="@android:color/white"**/>  
   
</**menu**>

1. **res** 🡪 **navigation** 🡪 **mobile\_navigation.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**navigation xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:id="@+id/mobile\_navigation"  
 app:startDestination="@+id/nav\_home"**>  
  
 <**fragment  
 android:id="@+id/nav\_home"  
 android:name="com.example.dairyservices.ui.home.HomeFragment"  
 android:label="@string/menu\_home"  
 tools:layout="@layout/fragment\_home"**>  
  
 <**action  
 android:id="@+id/action\_HomeFragment\_to\_HomeSecondFragment"  
 app:destination="@id/nav\_home\_second"** />  
 </**fragment**>  
 <**fragment  
 android:id="@+id/nav\_home\_second"  
 android:name="com.example.dairyservices.ui.home.HomeSecondFragment"  
 android:label="@string/home\_second"  
 tools:layout="@layout/fragment\_home\_second"**>  
 <**action  
 android:id="@+id/action\_HomeSecondFragment\_to\_HomeFragment"  
 app:destination="@id/nav\_home"** />  
  
 <**argument  
 android:name="myArg"  
 app:argType="string"** />  
 </**fragment**>  
  
 <**fragment  
 android:id="@+id/nav\_gallery"  
 android:name="com.example.dairyservices.ui.gallery.GalleryFragment"  
 android:label="@string/menu\_gallery"  
 tools:layout="@layout/fragment\_gallery"** />  
  
 <**fragment  
 android:id="@+id/nav\_slideshow"  
 android:name="com.example.dairyservices.ui.slideshow.SlideshowFragment"  
 android:label="@string/menu\_slideshow"  
 tools:layout="@layout/fragment\_slideshow"** />  
</**navigation**>

1. **res** 🡪 **values** 🡪 **colors.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**resources**>  
 <**color name="colorPrimary"**>#000</**color**>  
 <**color name="colorPrimaryDark"**>#E8D498</**color**>  
 <**color name="colorAccent"**>#03DAC5</**color**>  
 <**color name="colorDark"**>#23324C</**color**>  
</**resources**>

1. **res** 🡪 **values** 🡪 **dimens.xml:-**

<**resources**>  
 *<!-- Default screen margins, per the Android Design guidelines. -->* <**dimen name="activity\_horizontal\_margin"**>16dp</**dimen**>  
 <**dimen name="activity\_vertical\_margin"**>16dp</**dimen**>  
 <**dimen name="nav\_header\_vertical\_spacing"**>8dp</**dimen**>  
 <**dimen name="nav\_header\_height"**>176dp</**dimen**>  
 <**dimen name="fab\_margin"**>16dp</**dimen**>  
</**resources**>

1. **res** 🡪 **values** 🡪 **drawables.xml:-**

<**resources xmlns:android="http://schemas.android.com/apk/res/android"**>  
 <**item name="ic\_menu\_camera" type="drawable"**>@android:drawable/ic\_menu\_camera</**item**>  
 <**item name="ic\_menu\_gallery" type="drawable"**>@android:drawable/ic\_menu\_gallery</**item**>  
 <**item name="ic\_menu\_slideshow" type="drawable"**>@android:drawable/ic\_menu\_slideshow</**item**>  
 <**item name="ic\_menu\_manage" type="drawable"**>@android:drawable/ic\_menu\_manage</**item**>  
 <**item name="ic\_menu\_share" type="drawable"**>@android:drawable/ic\_menu\_share</**item**>  
 <**item name="ic\_menu\_send" type="drawable"**>@android:drawable/ic\_menu\_send</**item**>  
</**resources**>

1. **res** 🡪 **values** 🡪 **preloaded\_fonts.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**resources**>  
 <**array name="preloaded\_fonts" translatable="false"**>  
 <**item**>@font/abhaya\_libre</**item**>  
 <**item**>@font/alex\_brush</**item**>  
 </**array**>  
</**resources**>

1. **res** 🡪 **values** 🡪 **strings.xml:-**

<**resources**>  
 <**string name="app\_name"**>Dairy Services</**string**>  
 <**string name="title\_activity\_home"**>HomeActivity</**string**>  
 <**string name="navigation\_drawer\_open"**>Open navigation drawer</**string**>  
 <**string name="navigation\_drawer\_close"**>Close navigation drawer</**string**>  
 <**string name="nav\_header\_title"**>Android Studio</**string**>  
 <**string name="nav\_header\_subtitle"**>android.studio@android.com</**string**>  
 <**string name="nav\_header\_desc"**>Navigation header</**string**>  
 <**string name="action\_settings"**>Settings</**string**>  
  
 <**string name="menu\_home"**>Home</**string**>  
 <**string name="menu\_gallery"**>Gallery</**string**>  
 <**string name="menu\_slideshow"**>Slideshow</**string**>  
  
 <**string name="home\_second"**>Home Second</**string**>  
</**resources**>

1. **res** 🡪 **values** 🡪 **styles** 🡪 **styles.xml:-**

<**resources**>  
  
 *<!-- Base application theme. -->* <**style name="AppTheme" parent="Theme.AppCompat.Light.DarkActionBar"**>  
 *<!-- Customize your theme here. -->* <**item name="colorPrimary"**>@color/colorPrimary</**item**>  
 <**item name="colorPrimaryDark"**>@color/colorPrimaryDark</**item**>  
 <**item name="colorAccent"**>@color/colorAccent</**item**>  
 </**style**>  
  
 <**style name="AppTheme.NoActionBar"**>  
 <**item name="windowActionBar"**>false</**item**>  
 <**item name="windowNoTitle"**>true</**item**>  
 </**style**>  
  
 <**style name="AppTheme.AppBarOverlay" parent="ThemeOverlay.AppCompat.Dark.ActionBar"** />  
  
 <**style name="AppTheme.PopupOverlay" parent="ThemeOverlay.AppCompat.Light"** />  
  
</**resources**>

1. **res(generated)** 🡪 **values** 🡪 **values.xml:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**resources**>  
 <**string name="default\_web\_client\_id" translatable="false"**>434566729009-6811d5ndlqmoa6qphcd4pv92610qe6af.apps.googleusercontent.com</**string**>  
 <**string name="firebase\_database\_url" translatable="false"**>https://ecommerce-a6b3f.firebaseio.com</**string**>  
 <**string name="gcm\_defaultSenderId" translatable="false"**>434566729009</**string**>  
 <**string name="google\_api\_key" translatable="false"**>AIzaSyB0d8ut\_EMPmD\_9\_VujXMhkdCpnhHhA4dk</**string**>  
 <**string name="google\_app\_id" translatable="false"**>1:434566729009:android:50c2e35e16424ac621b410</**string**>  
 <**string name="google\_crash\_reporting\_api\_key" translatable="false"**>AIzaSyB0d8ut\_EMPmD\_9\_VujXMhkdCpnhHhA4dk</**string**>  
 <**string name="google\_storage\_bucket" translatable="false"**>ecommerce-a6b3f.appspot.com</**string**>  
 <**string name="project\_id" translatable="false"**>ecommerce-a6b3f</**string**>  
</**resources**>

1. **Gradle Scripts** 🡪 **build.gradle(project: Dairyservices):-**

*// Top-level build file where you can add configuration options common to all sub-projects/modules.*buildscript {  
   
 repositories {  
 google()  
 jcenter()  
   
 }  
 dependencies {  
 classpath **'com.android.tools.build:gradle:3.6.3'** classpath **'com.google.gms:google-services:4.3.3'** *// NOTE: Do not place your application dependencies here; they belong  
 // in the individual module build.gradle files* }  
}  
  
allprojects {  
 repositories {  
 google()  
 jcenter()  
   
 }  
}  
  
task clean(type: Delete) {  
 delete rootProject.buildDir  
}

1. **Gradle Scripts** 🡪 **build.gradle(Module: app):-**

apply **plugin**: **'com.android.application'**apply **plugin**: **'com.google.gms.google-services'**android **{** compileSdkVersion 29  
 buildToolsVersion **"29.0.3"** defaultConfig **{** applicationId **"com.example.dairyservices"** minSdkVersion 19  
 targetSdkVersion 29  
 versionCode 1  
 versionName **"1.0"** testInstrumentationRunner **"androidx.test.runner.AndroidJUnitRunner"  
 }** allprojects **{** repositories **{** maven **{** url **'https://jitpack.io' }  
 }  
 }** buildTypes **{** release **{** minifyEnabled **false** proguardFiles getDefaultProguardFile(**'proguard-android-optimize.txt'**), **'proguard-rules.pro'  
 }  
 }  
  
}**dependencies **{** implementation fileTree(**dir**: **'libs'**, **include**: [**'\*.jar'**])  
  
 implementation **'com.google.firebase:firebase-core:17.3.0'** implementation **'com.google.firebase:firebase-database:19.2.1'** implementation **'com.google.firebase:firebase-storage:19.1.1'** implementation **'com.firebaseui:firebase-ui-database:3.2.2'** implementation **'com.squareup.picasso:picasso:2.71828'** implementation **'com.github.rey5137:material:1.2.5'** implementation **'androidx.cardview:cardview:1.0.0'** implementation **'androidx.recyclerview:recyclerview:1.1.0'** implementation **'androidx.lifecycle:lifecycle-extensions:2.2.0'** implementation **'com.github.denzcoskun:ImageSlideshow:0.0.6'** implementation **'io.paperdb:paperdb:2.6'** implementation **'de.hdodenhof:circleimageview:3.1.0'** implementation **'com.theartofdev.edmodo:android-image-cropper:2.7.+'** implementation **'com.cepheuen.elegant-number-button:lib:1.0.2'** implementation **'androidx.appcompat:appcompat:1.1.0'** implementation **'androidx.constraintlayout:constraintlayout:1.1.3'** implementation **'com.google.firebase:firebase-database:19.2.1'** implementation **'androidx.legacy:legacy-support-v4:1.0.0'** implementation **'com.google.android.material:material:1.1.0'** implementation **'androidx.navigation:navigation-fragment:2.2.1'** implementation **'androidx.navigation:navigation-ui:2.2.1'** implementation **'androidx.lifecycle:lifecycle-extensions:2.0.0'** testImplementation **'junit:junit:4.12'** androidTestImplementation **'androidx.test.ext:junit:1.1.1'** androidTestImplementation **'androidx.test.espresso:espresso-core:3.2.0'  
}**

1. **Gradle Scripts** 🡪 **gradle-wrapper.properties:-**

*#Sat Apr 11 18:44:06 IST 2020***distributionBase**=**GRADLE\_USER\_HOME  
distributionPath**=**wrapper/dists  
zipStoreBase**=**GRADLE\_USER\_HOME  
zipStorePath**=**wrapper/dists  
distributionUrl**=**https\://services.gradle.org/distributions/gradle-5.6.4-all.zip**

**CHAPTER 6**

**CONCLUSION**

* From this project we have learned that there is a need of such type of application which can be very helpful for the coustomers and the seller. This application will reduce the time of supply for the milk prodects so that the coustomers would get all the product at there home with all the freshness and purity.
* While building this project there were many concepts that where unknow for us in the android studio. But as we started building it we have learned many concepts of android and built a succesfull project for thr dairy products.
* In future if **BlackDairy** will be succesfull and if the demand will increase of the coustomers, then there will be many new features that can be added in the blackdairy in the version 2.0 such as ongoing delivary process and live delivary systems. According to the demand in future the blackdairy can be publish on a well known platform, so that we can help the coustomes to improve the ordering expirence and maintain good relation between the user and coustomers

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