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

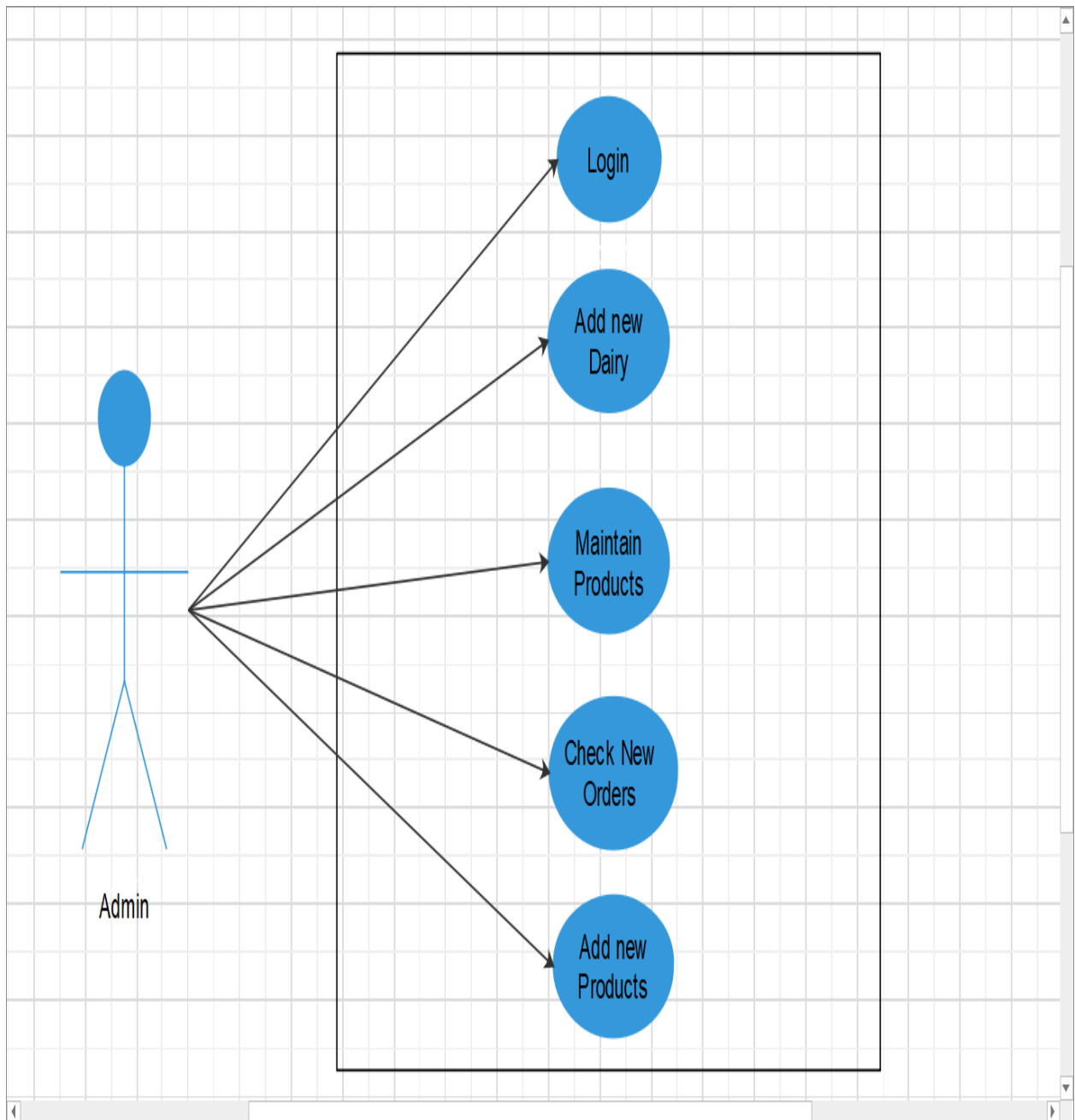# CHAPTER 3

DESIGNING

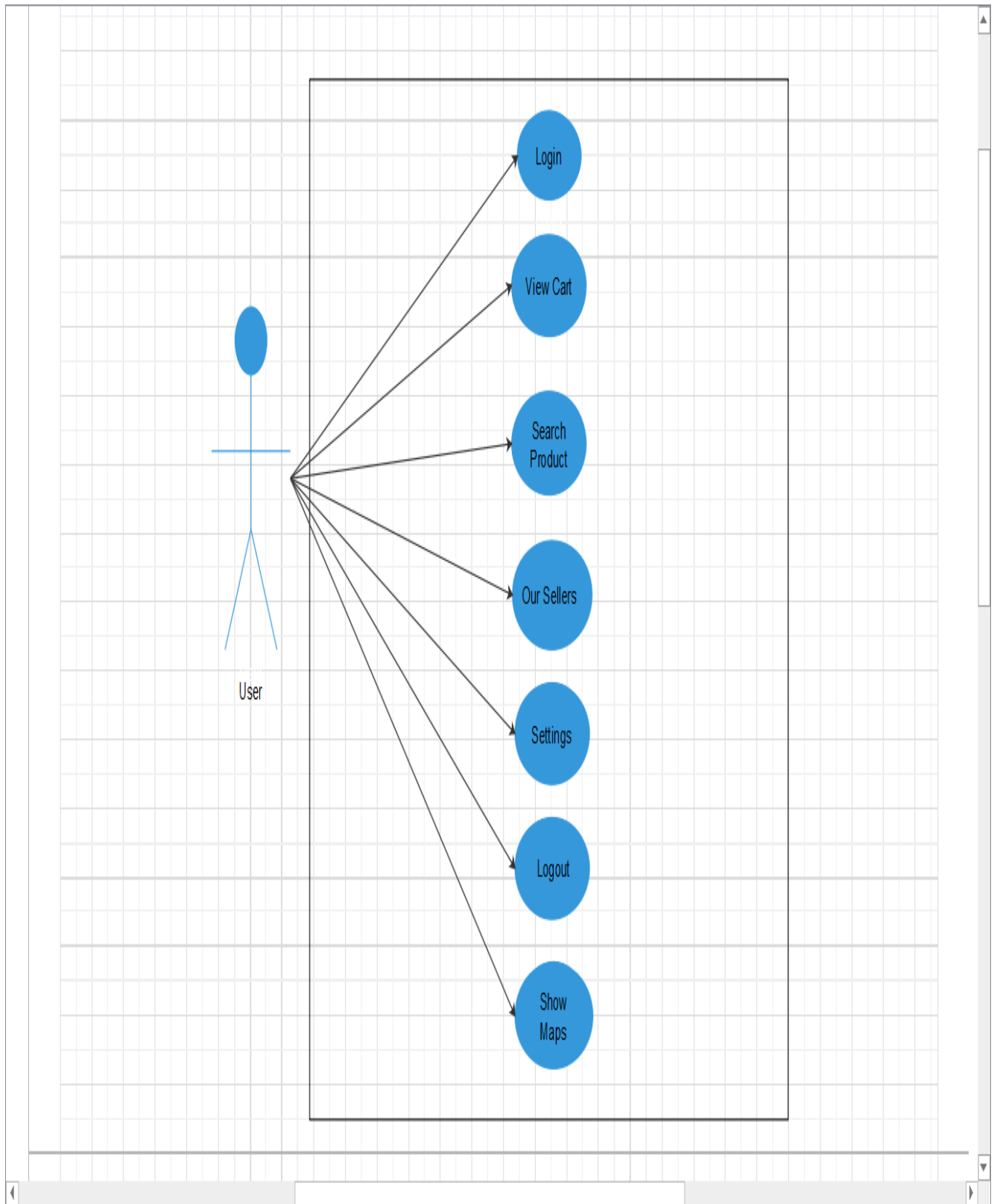**Diagrams**:

3.1 System Flowchart:
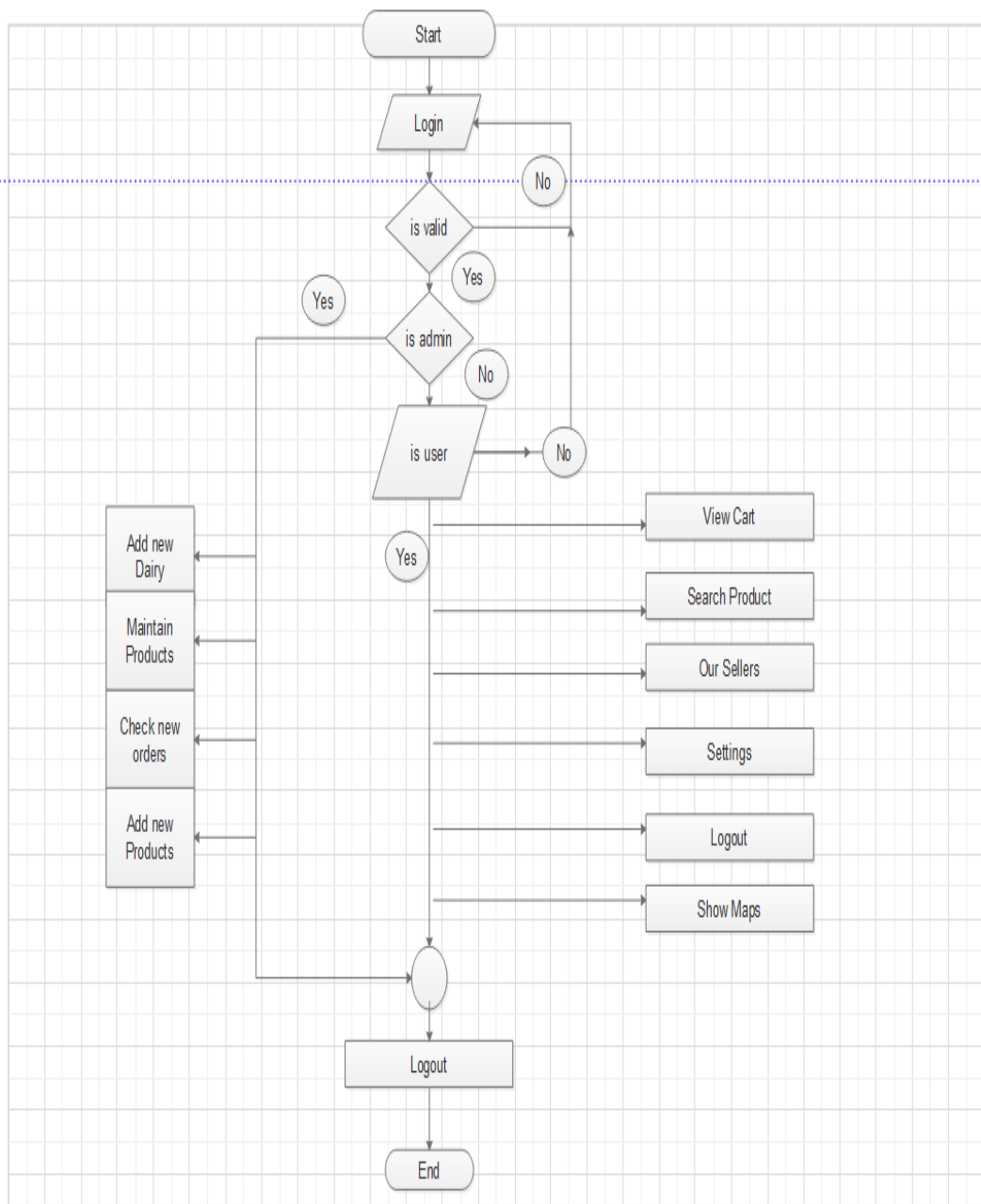
- **3.2 Use Case Diagram**

A use case diagram at its simplest a representation of user interaction with the system and depicting the specification of use case.
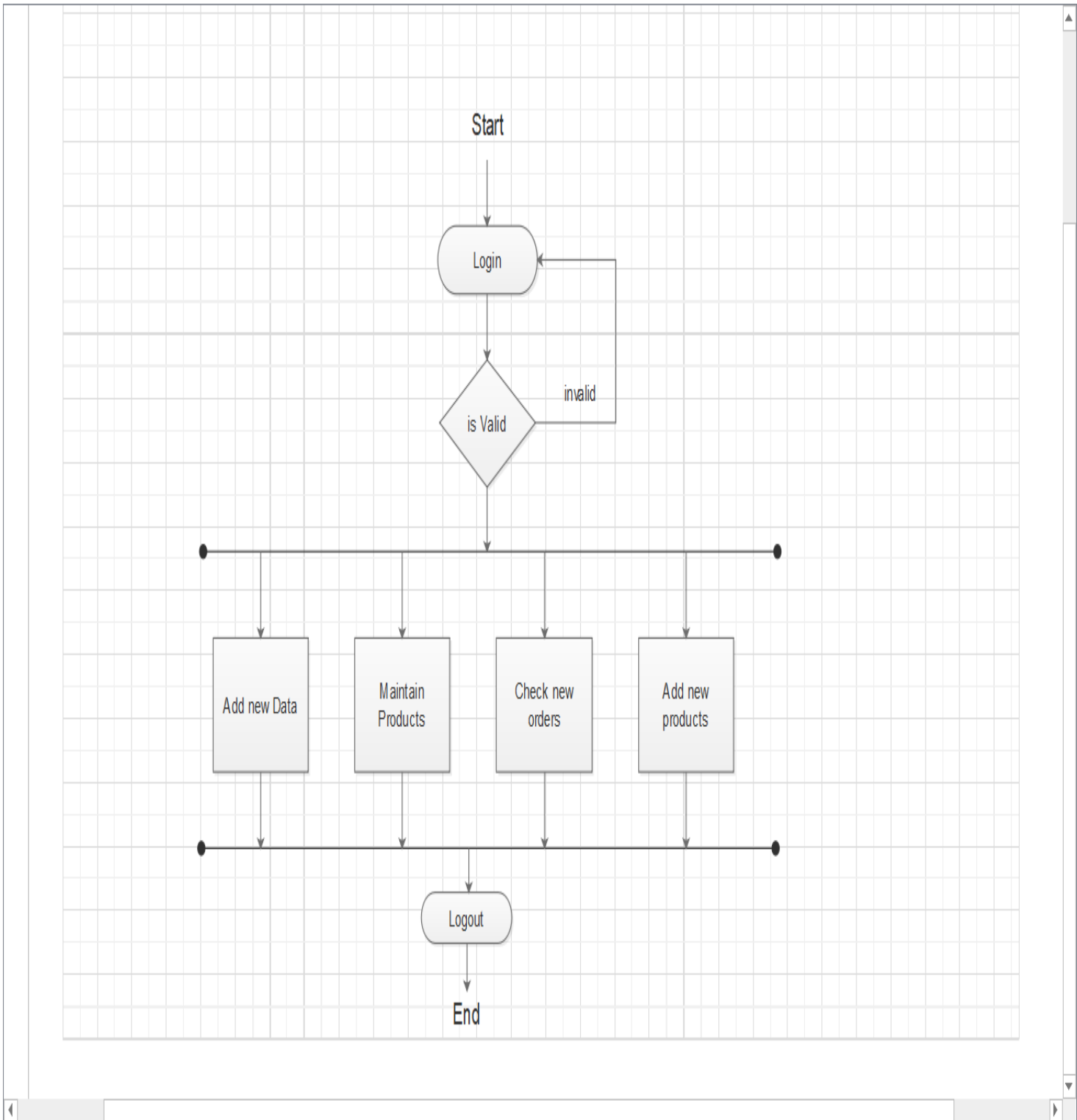
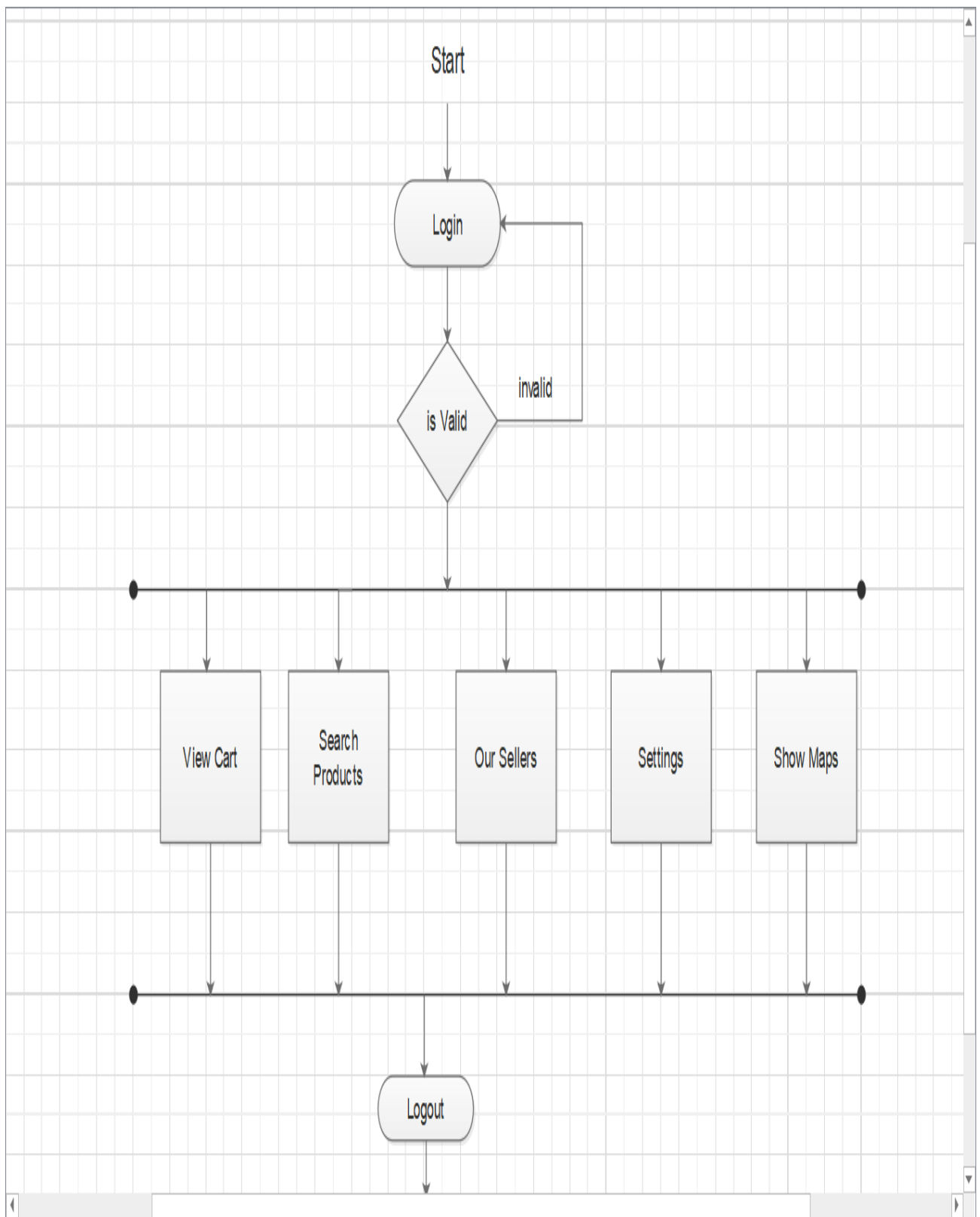**3.2.1 Use Case Diagram for Admin**

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.
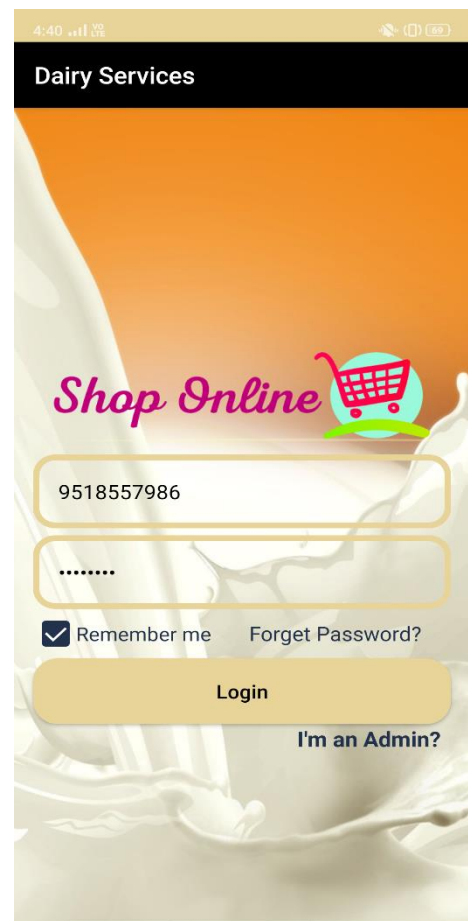

Figure 4.1: Start Page

Figure 4.2: Login Page

Figure 4.3: Register Page
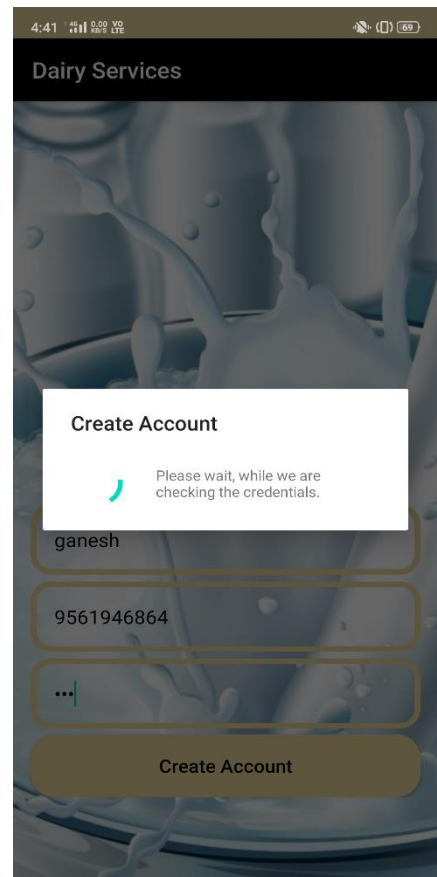
Figure 4.4: Loding Dialog Box
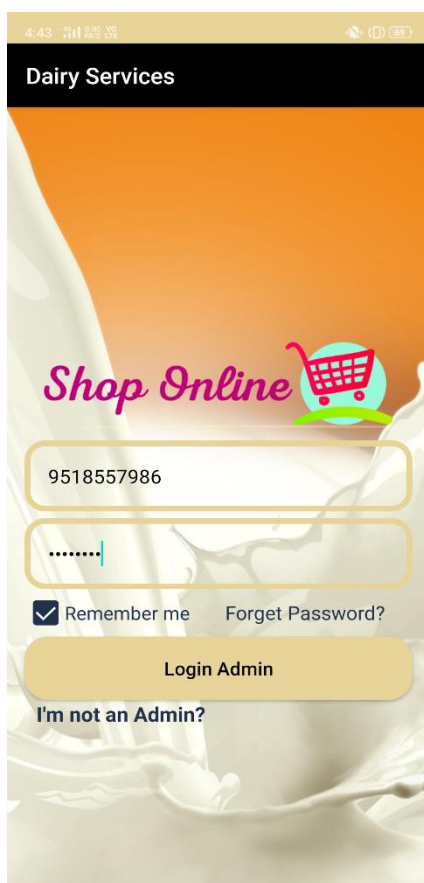
Figure 4.5: Admin Login
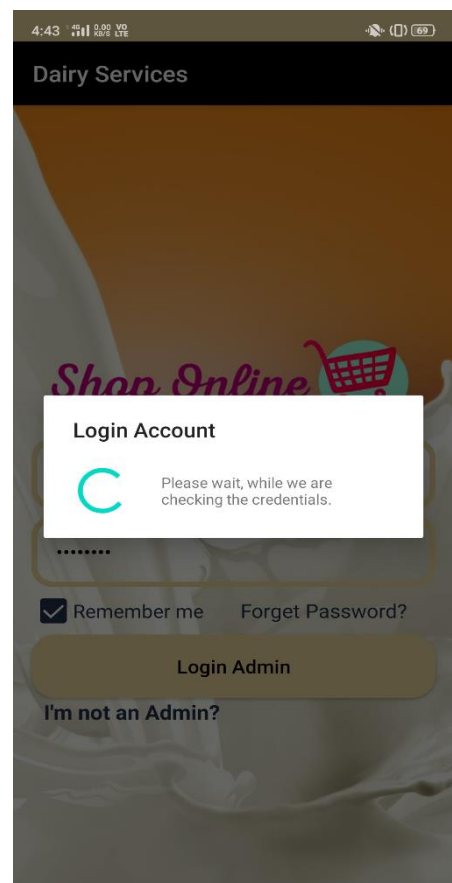
Figure 4.6: Admin Login Loding Bar
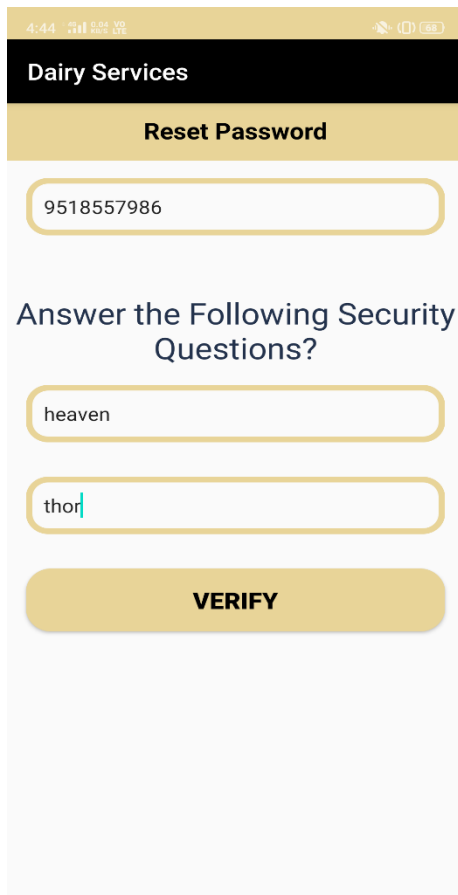
Figure 4.7: Forgot Password Page
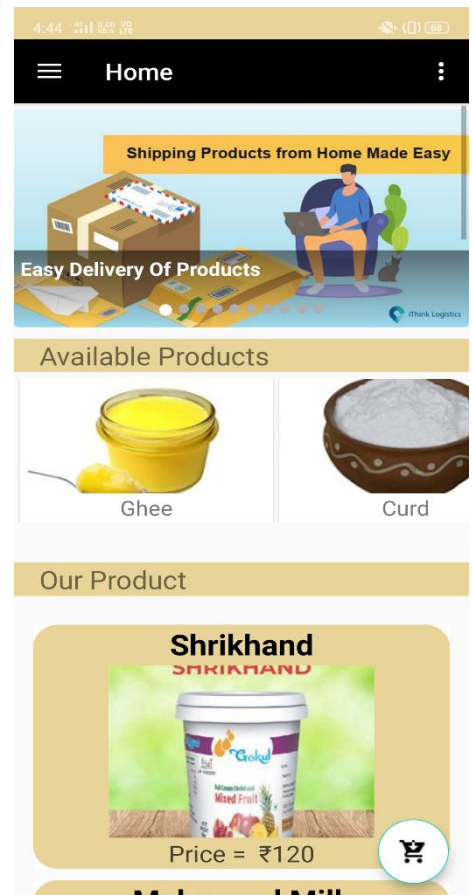
Figure 4.8: Home Page
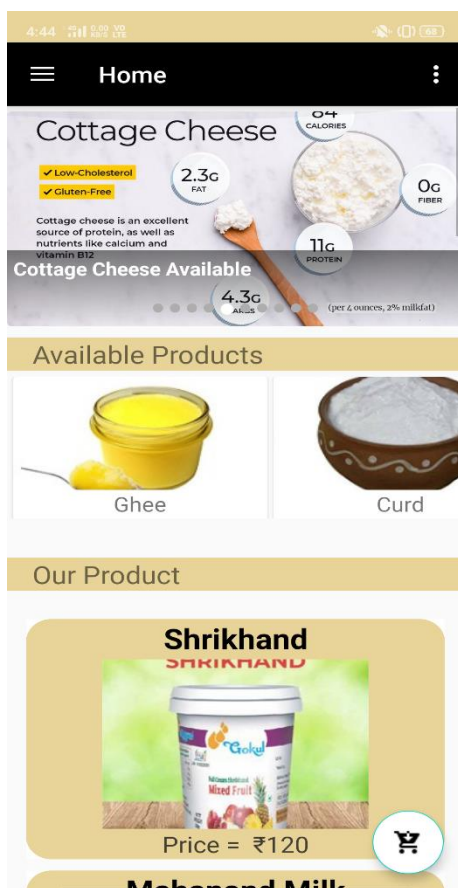
Figure 4.9: Home Page Image Slider
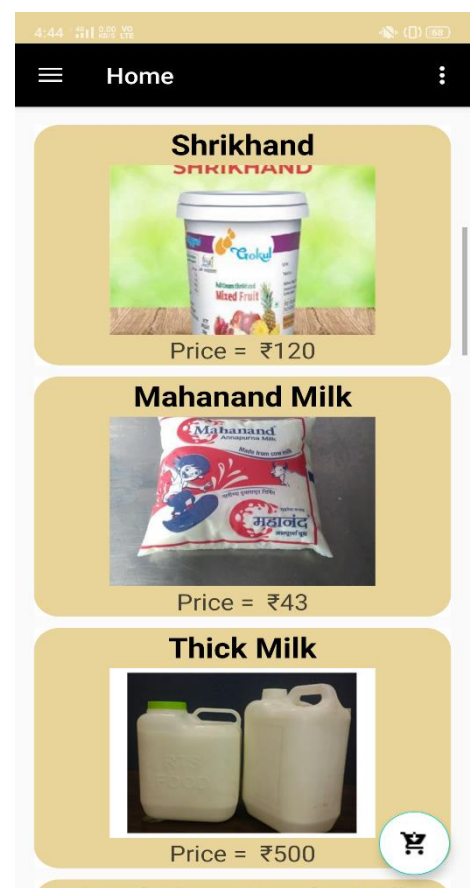
Figure 4.10: Home Page Products

DAIRY SERVICES   **21**
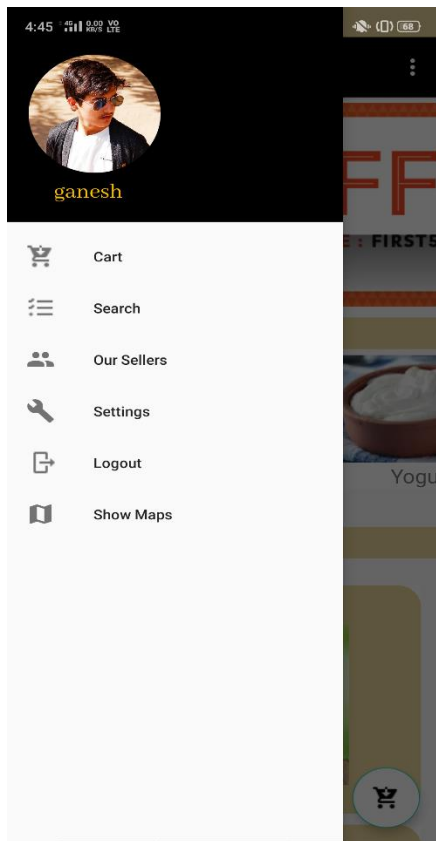
Figure 4.11: Navigation Menu
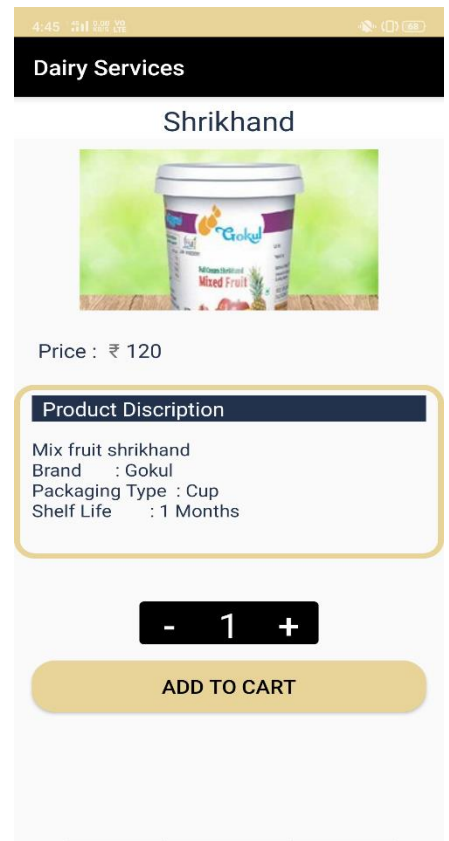
Figure 4.12: Product Details Activity
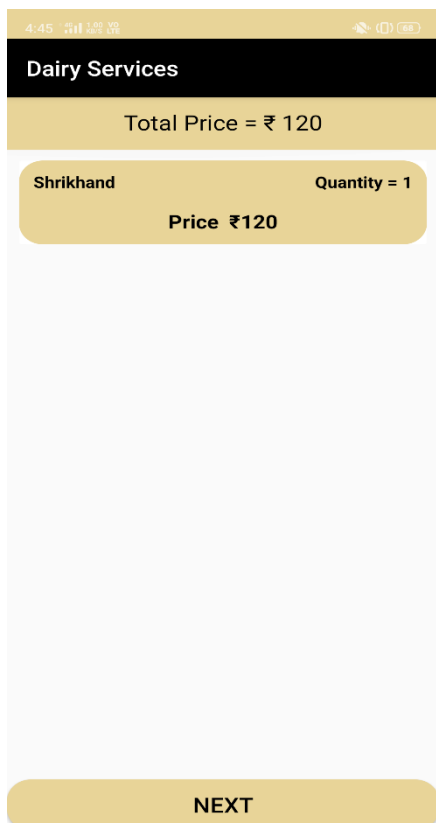
Figure 4.13: Cart Activity
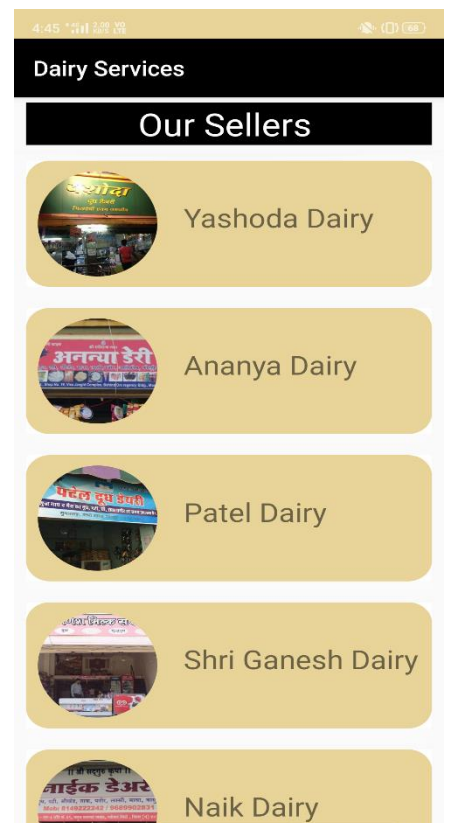
Figure 4.14: Our Sellers Activity
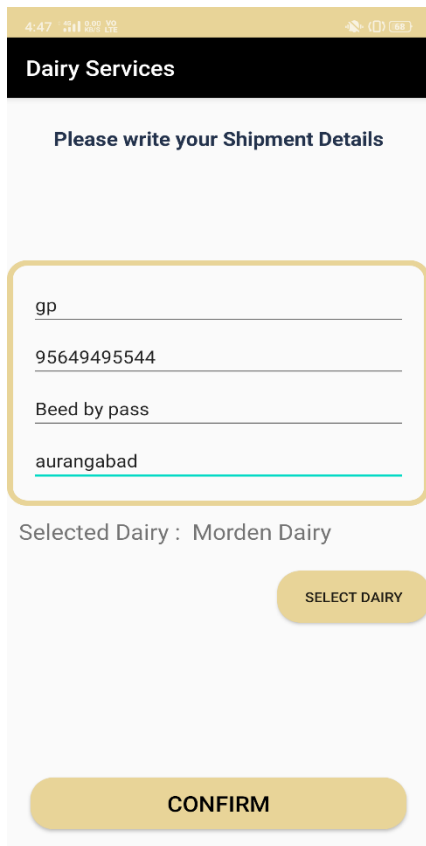
Figure 4.15: Confrim Order Activity
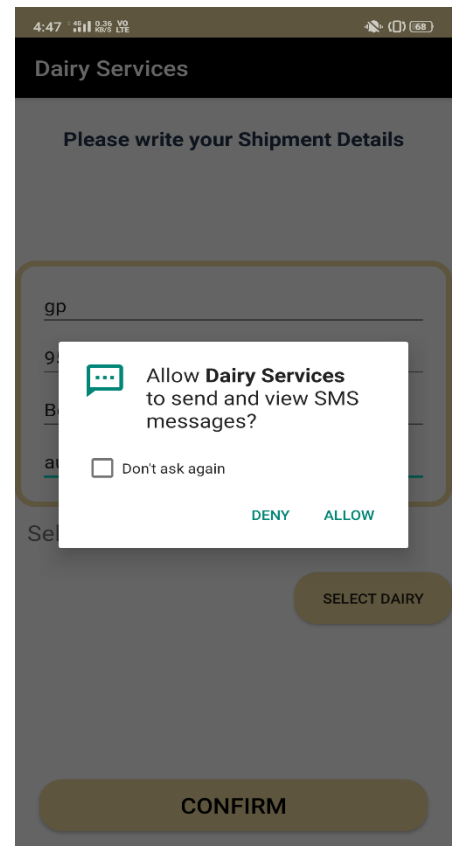
Figure 4.16: Permission to Send Message
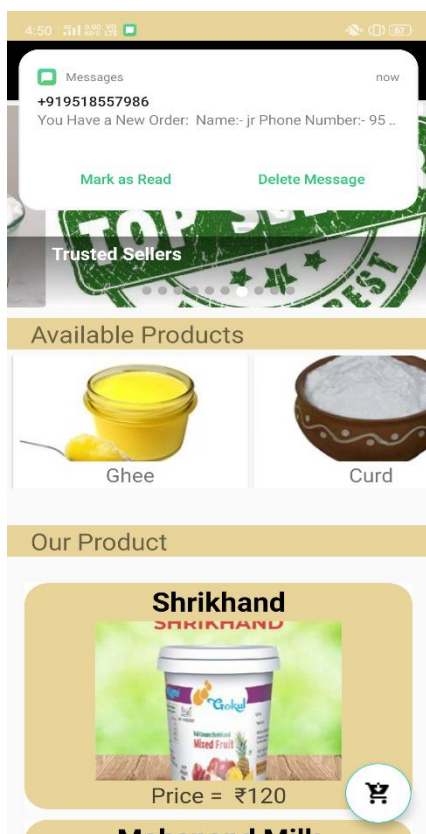
Figure 4.17: Message Arrived
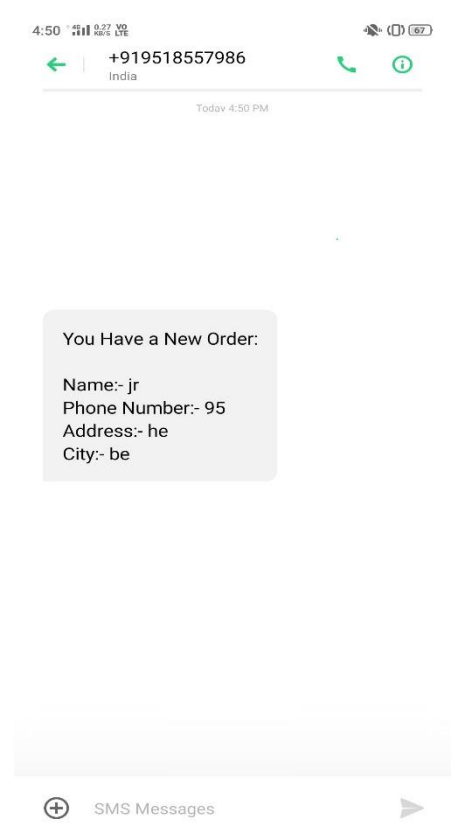
Figure 4.18: Recived Message
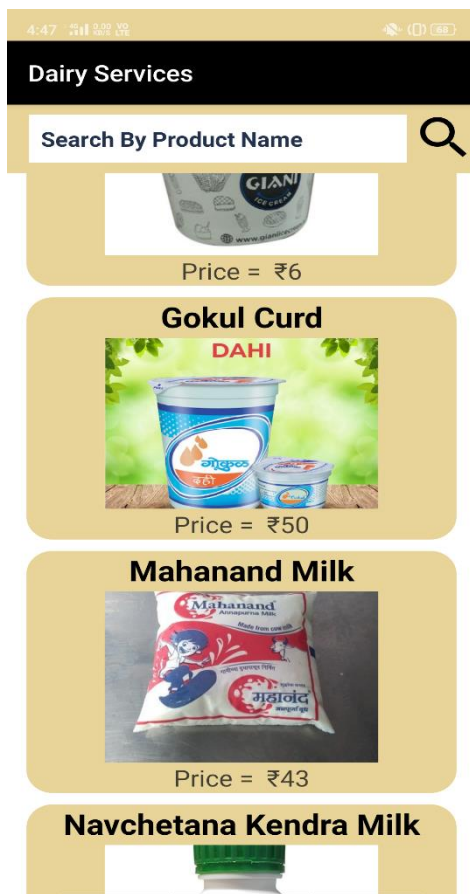
Figure 4.19: Search Products Activity
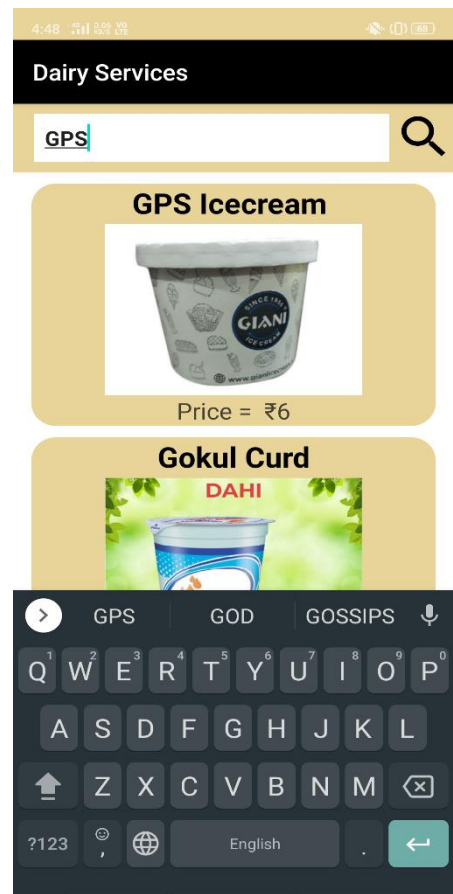
Figure 4.20: Search Results
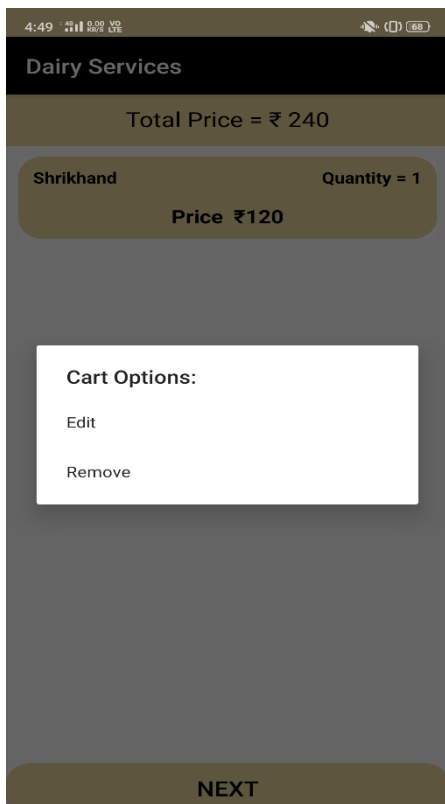
Figure 4.21: Cart Options
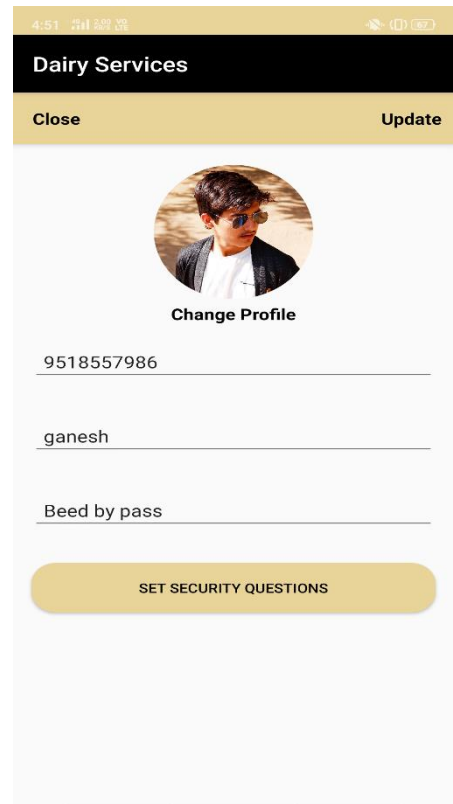
Figure 4.22: Setting Activity

Figure 4.23: Set Security Questions Acitvity

Figure 4.24: Maps Activity

Figure 4.25: Admin Login Home Page

Figure 4.26: Add New Dairy Activity
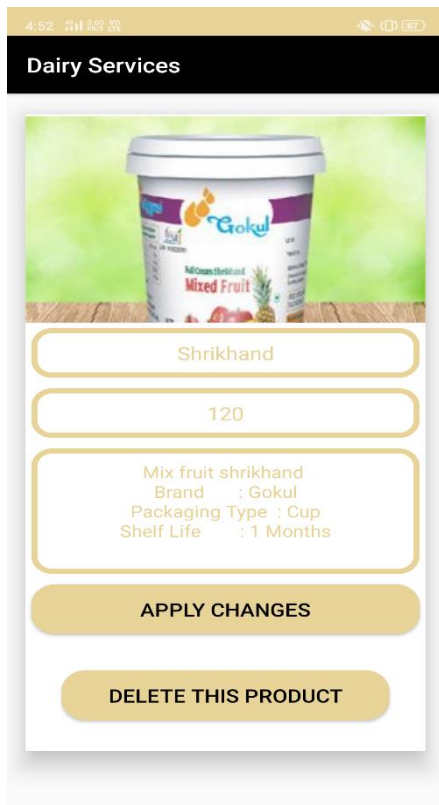
Figure 4.27: Maintain Products
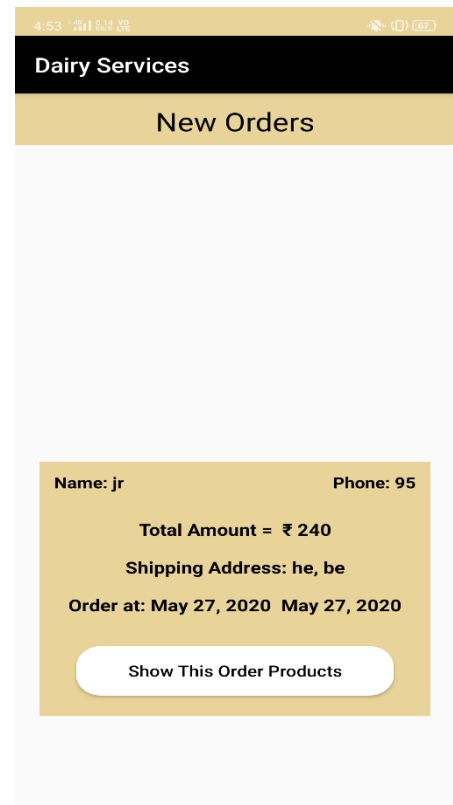
Figure 4.28: New Orders Activity
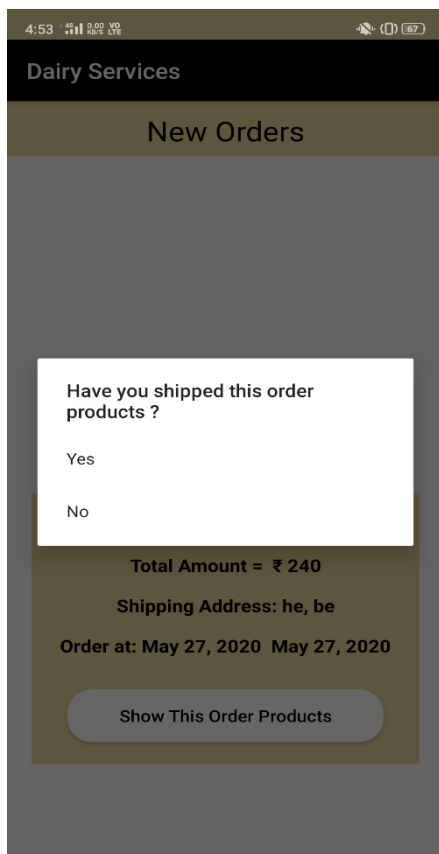
Figure 4.29: Ship Products Dialog
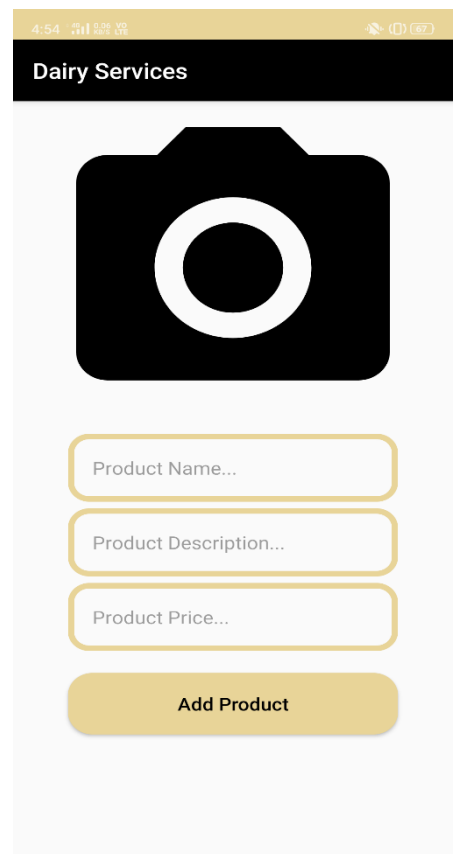
Figure 4.30: Add New Products Acivity

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
<?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"
```

```xml
        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>
```

```xml
    <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>
```

2) java → com.example.dairyservices → Interface → ItemClickListner.java:-

```java
package com.example.dairyservices.Interface;

import android.view.View;

public interface ItemClickListner
{
    void onClick(View view, int position, boolean isLongClick);
}
```

3) java → com.example.dairyservices → Model → AdminOrders.java:-

```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;
```

```java
    }

    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;
    }
```

```java
    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;}
}
```

4) java → com.example.dairyservices → Model → Admins.java:-

```java
package com.example.dairyservices.Model;


public class Admins {
    private String name, phone, password, image, address, description;
```

```java
    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;
```

```java
    }

    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;
    }
}
```

5) java → com.example.dairyservices → Model → Cart.java:-

```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;
    }
```

```java
    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;

    }
}
```

6) java → com.example.dairyservices → Model → Products.java:-

```java
package com.example.dairyservices.Model;


public class Products
{
    private String pname, description, price, image, category, pid, date, time;
```

```java
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;
```

```java
    }

    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;
    }
```

```java
    public void setDate(String date) {
        this.date = date;
    }


    public String getTime() {
        return time;
    }


    public void setTime(String time) {
        this.time = time;
    }
}
```

7) java → com.example.dairyservices → Model → Users.java:-

```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;
    }
```

```java
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;
}
```

```java
    public String getAddress() {

        return address;

    }


    public void setAddress(String address) {

        this.address = address;

    }

}
```

8) java → com.example.dairyservices → Prevalent → Prevalent.java:-

```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";
}
```

9) java → com.example.dairyservices → ui → gallery → GalleryFargment.java:-

```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;
```

```java
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;
    }
}
```

10) java → com.example.dairyservices → ui → gallery → GalleryViewModel.java:-

```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;
    }
}
```

11) java → com.example.dairyservices → ui → home → HomeFragment.java:-

```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;
```

```java
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;
    }
}
```

12) java → com.example.dairyservices → ui → home → HomeViewModel.java:-


```java
package com.example.dairyservices.ui.home;


import androidx.lifecycle.LiveData;
```

```java
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;
    }
}
```

13) java → com.example.dairyservices → ui → slideshow → SlideShowFragment.java:-

```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;
```

```java
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;
    }
}
```

14) java → com.example.dairyservices → ui → slideshow → SlideShowViewModel.java:

```java
package com.example.dairyservices.ui.slideshow;

import androidx.lifecycle.LiveData;
import androidx.lifecycle.MutableLiveData;
import androidx.lifecycle.ViewModel;

public class SlideshowViewModel extends ViewModel {
```

```java
    private MutableLiveData<String> mText;


    public SlideshowViewModel() {
        mText = new MutableLiveData<>();
        mText.setValue("This is slideshow fragment");
    }


    public LiveData<String> getText() {
        return mText;
    }
}
```

15) java → com.example.dairyservices → ViewHolder → CartViewHolder.java:-

```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)
    {
```

```java
        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;
    }
}
```

16) java → com.example.dairyservices → ViewHolder → ProductViewHolder.java:-

```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
```

```java
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);
  }
}
```

17) java → com.example.dairyservices → ViewHolder → SellerViewHolder.java:-

```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)
    {
```

```java
        listner.onClick(view, getAdapterPosition(), false);
    }

}
```

18) java → com.example.dairyservices → AddNewDairyActivity.java:-

```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;
```

```java
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);
```

```java
        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();
```

```java
        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();
```

```java
        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>() {
```

```java
            @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();
```

```java
      }
   }


   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,
```

```java
                        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
```

```java
    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();
        }
    }
}
```

19) java → com.example.dairyservices → AdminAddNewProductActivity.java:-

```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;
```

```java
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;
```

```java
    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() {
```

```java
            @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()
    {
```

```java
    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()
```

```java
{
    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();
        }
```

```java
        }).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();
                        }
```

```java
            }
        });
    }
});
}


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();

            }

         }

      });

   }


}
```

20) 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;
```

```java
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);
```

```java
        }
    });


    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);
```

```java
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() {
```

```java
        @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);
        }
    });
```

```java
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);
    }
```

```java
        });



        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);
            }
        });



    }



}
```


21) java → com.example.dairyservices → AdminMaintainProductsActivity.java:-

```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;
```

```java
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);
```

```java
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();
    }
});
}
```

```java
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();
    }
```

```java
        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();
                    }
                }
```

```java
        });
    }
}




    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) {


            }
        });
```

```
    }


}
```

22) java → com.example.dairyservices → AdminNewOrdersActivity.java:-

```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;
```

```java
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>()
```

```java
                    .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);
                                }


                            });
```

```java
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();
```

```java
                }
            }


        }


        @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);
```

```java
            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();
    }


}
```

23) java → com.example.dairyservices → AdminUserProductsActivity.java:-

```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;
```

```java
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);
```

```java
        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);
```

```java
        CartViewHolder holder = new CartViewHolder(view);
        return holder;
      }
    };


    productsList.setAdapter(adapter);
    adapter.startListening();
  }

}
```

24) java → com.example.dairyservices → CartActivity.java:-

```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;
```

```java
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);
```

```java
        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();
```

```java
        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",
```

```java
            "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);
```

```java
                            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;
```

```java
ordersRef =
FirebaseDatabase.getInstance().getReference().child("Orders").child(Prevalent.currentOnli
neUser.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) {


        }
    });
  }


}
```

25) 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;
```

```java
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();
```

```java
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()))
    {
```

```java
            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()
    {
```

```java
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")
```

```java
                    .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,
```

```java
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);
            }
```

```java
        else {
            Toast.makeText(ConfirmFinalOrderActivity.this,"You Don't Have Required
Permission To Send a Message",Toast.LENGTH_LONG).show();
        }
    }


    }
}
```

26) java → com.example.dairyservices → DairyDetails.java:-

```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;
```

```java
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);
```

```java
            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();
            }
        }
    });


    }
}
```

27) java → com.example.dairyservices → HomeActivity.java:-

```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;
```

```java
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;
```

```java
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(
```

```java
        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
```

```java
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_DSzdHgFbQCPAtgzr8WJjIwId8SHbZBTKs4vAkASOgoDJSZQ2UrvhKLpcFOnE3AI
OgZCfYdEngrcGK2eYjxMjqSsXA",""));

    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) {
```

```java
@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
```

```java
            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) {
```

```java
        // 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);
            }
        }
```

```java
        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");
```

```java
            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;
    }
}
```

28) java → com.example.dairyservices → LoginActivity.java:-

```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;
```

```java
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);
```

```java
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);
```

```java
                    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)) {
```

```java
                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
```

```java
    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);
                    }
```

```java
                }
                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) {


        }
    });


    }
}
```

29) java → com.example.dairyservices → MainActivity.java:-

```java
package com.example.dairyservices;


import androidx.annotation.NonNull;
import androidx.appcompat.app.AppCompatActivity;
```

```java
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);
```

```java
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();
```

```java
        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 =
```

```java
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) {


      }
```

```
        });
    }


}
```

30) 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;

```java
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);
```

```java
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());
```

```java
                    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();
  }
}
```

31) 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 {

```java
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
```

```java
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<>();
```

```java
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);
                  }
```

```java
                }
            });
        }
    }
});
}


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) {

        }
    });
}
```

```java
    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) {


            }
        });
    }
}
```

32) java → com.example.dairyservices → RegisterActivity.java:-

```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;
```

```java
    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()) {
```

```java
        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() {
```

```java
    @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();
                            }
                        }
                    });
        }
```

```java
        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) {


    }
});


    }
}
```

33) java → com.example.dairyservices → ResetPasswordActivity.java:-

```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;
```

```java
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;
```

```java
@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("")){
```

```java
        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();
```

```java
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);
```

```java
                    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();
                        }
```

```java
                    });
                    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(){
```

```java
        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) {


            }
        });
    }
}
```

34) java → com.example.dairyservices → SearchProductsActivity.java:-

```java
package com.example.dairyservices;


import androidx.annotation.NonNull;
import androidx.appcompat.app.AppCompatActivity;
import androidx.recyclerview.widget.LinearLayoutManager;
import androidx.recyclerview.widget.RecyclerView;
```

```java
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);
```

```java
        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();
```

```java
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();
    }


}
```

35) java → com.example.dairyservices → SettingsActivity.java:-

```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;
```

```java
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);
```

```java
        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() {
```

```java
        @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)
```

```java
        .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);
```

```java
            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();
        }
```

```java
    }


    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
```

```java
            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();
          }
        }
      });
    }
```

```java
        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.currentOnline
User.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);
                    }
                }
            }
```

```java
        @Override
        public void onCancelled(DatabaseError databaseError) {


        }
    });
  }
}
```

36) java → com.example.dairyservices → Splash.java:-

```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);
  }
}
```

37) java(generated) → com.example.dairyservices → BuildConfig.java:-

```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";
}
```

38) res → drawable → buttons.xml:-

```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>
```

39) res → drawable → input_design.xml:-

```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>
```

40) res → drawable → recyler_design.xml:-

```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>
```

41) res → font → abhaya_libre.xml:-

```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"
```

```xml
        app:fontProviderCerts="@array/com_google_android_gms_fonts_certs">
</font-family>
```

42) res → font → alex_brush.xml:-

```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>
```

43) res → layout → activity_add_new_dairy.xml:-

```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"
```

```xml
    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"
```

```xml
    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"
```

```xml
        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"
```

```xml
        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>
```

44) res → layout → activity_admin_add_new_products.xml:-

```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"
```

```xml
    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"
```

```xml
        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>
```

45) res → layout → activity_admin_category.xml:-

```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"
```

```xml
            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"
```

```xml
        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>
```

```xml
    </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"
```

```xml
        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">
```

```xml
    <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"
```

```xml
        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"
```

```xml
            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"
```

```xml
        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"
```

```xml
        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>
```

46) res → layout → activity_admin_maintain_products.xml:-

```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"
```

```xml
    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"
```

```xml
        />

    <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"
```

```xml
        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>
```

47) res → layout → activity_admin_new_orders.xml:-

```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"
```

```xml
    android:layout_below="@+id/r2">

  </androidx.recyclerview.widget.RecyclerView>


</RelativeLayout>
```

48) res → layout → activity_admin_user_products.xml:-

```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>
```

```xml
    <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>
```

49) res → layout → activity_cart.xml:-

```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"
```

```xml
        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>
```

```xml
    <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>
```

50) res → layout → activity_confirm_final_order.xml:-

```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"
```

```xml
    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
```

```xml
    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>
```

51) res → layout → activity_home.xml:-

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.drawerlayout.widget.DrawerLayout
xmlns:android="http://schemas.android.com/apk/res/android"
```

```xml
    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>
```

52) res → layout → activity_login.xml:-

```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"
```

```xml
        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"
```

```xml
        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"
    />
```

```xml
        <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>
```

53) res → layout → activity_main.xml:-

```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"
```

```xml
        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>
```

54) res → layout → activity_our_sellers.xml:-

```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>
```

55) res → layout → activity_product_details.xml:-

```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"
```

```xml
    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>
```

```xml
<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>
```

```xml
<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>
```

56) res → layout → activity_register.xml:-

```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"
```

```xml
        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"
```

```xml
        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>
```

57) res → layout → activity_reset_password.xml:-

```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"
```

```xml
    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"
```

```xml
        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
```

```xml
        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>
```

58) res → layout → activity_search_products.xml:-

```xml
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
```

```xml
    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"
```

```xml
                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>
```

59) res → layout → activity_sellers_details.xml:-

```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"
```

```xml
    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" />
```

```xml
    <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"
```

```xml
        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>
```

60) res → layout → activity_settings:-

```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=".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"
```

```xml
            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"
```

```xml
        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..."
```

```xml
    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>
```

61) res → layout → activity_splash.xml:-

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
```

```xml
    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>
```

62) res → layout → app_bar_home.xml:-

```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"
```

```xml
        app:srcCompat="@drawable/nav_cart" />



</androidx.coordinatorlayout.widget.CoordinatorLayout>
```

63) res → layout → cart_items_layout.xml:-

```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>
```

64) res → layout → content_home.xml:-

```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" />
```

```xml
<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">
```

```xml
    <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"
```

```xml
        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"
```

```xml
        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" />
```

```xml
</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"
```

```xml
            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
```

```xml
        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"
```

```xml
        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" />
```

```xml
</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"
```

```xml
        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"
```

```xml
            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>
```

```xml
<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">
```

```xml
<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" />
```

```xml
        <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"
```

```xml
            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"
```

```xml
        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"
```

```xml
        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"
```

```xml
        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"
```

```xml
            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>
```

65) res → layout → fragment_gallery.xml:-

```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>
```

66) res → layout → fragment_home.xml:-

```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"
```

```xml
    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>
```

67) res → layout → fragment_slideshow.xml:-

```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"
```

```xml
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

68) res → layout → nav_header_home.xml:-

```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"
```

```xml
        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>
```

69) res → layout → orders_layout.xml:-

```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"
```

```xml
    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
```

```xml
    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>
```

70) 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"
```

```xml
    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>
```

71) res → menu → activity_home_drawer.xml:-

```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"/>
```

```xml
        <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
<?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"
```

```xml
        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>
```

72) res → menu → home.xml:-

```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>
```

73) res → navigation → mobile_navigation.xml:-

```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"
```

```xml
        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>
```

74) res → values → colors.xml:-

```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>
```

75) res → values → dimens.xml:-

```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>
```

76) res → values → drawables.xml:-

```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>
```

77) res → values → preloaded_fonts.xml:-

```xml
<?xml version="1.0" encoding="utf-8"?>
<resources>
```

```xml
    <array name="preloaded_fonts" translatable="false">
        <item>@font/abhaya_libre</item>
        <item>@font/alex_brush</item>
    </array>
</resources>
```

78) res → values → strings.xml:-

```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>
```

79) res → values → styles → styles.xml:-

```xml
 <resources>

    <!-- Base application theme. -->
    <style name="AppTheme" parent="Theme.AppCompat.Light.DarkActionBar">
        <!-- Customize your theme here. -->
```

```xml
    <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>
```

80) res(generated) → values → values.xml:-

```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>
```

```xml
    <string name="google_storage_bucket" translatable="false">ecommerce-
a6b3f.appspot.com</string>
    <string name="project_id" translatable="false">ecommerce-a6b3f</string>
</resources>
```

81) Gradle Scripts → build.gradle(project: Dairyservices):-

```gradle
// 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
}
```

82) 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'
}
```

83) 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 prodcts 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 delivery 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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