**CHAPTER 4**

**SOURCE CODE**

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

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

Source code:-

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

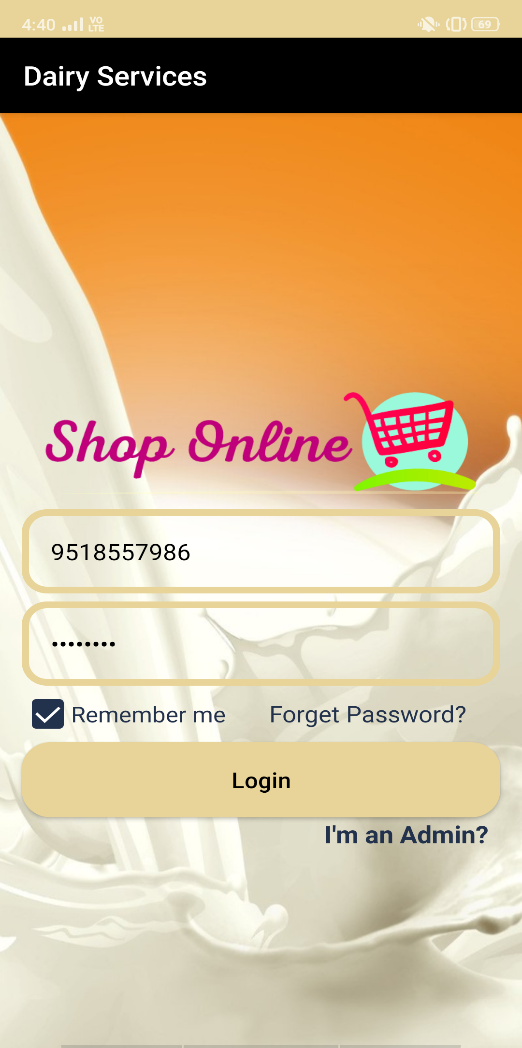
1. **Gradle Scripts** 🡪 **gradle-wrapper.properties:-**

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

**CHAPTER 5**

**IMPLEMENTATION**

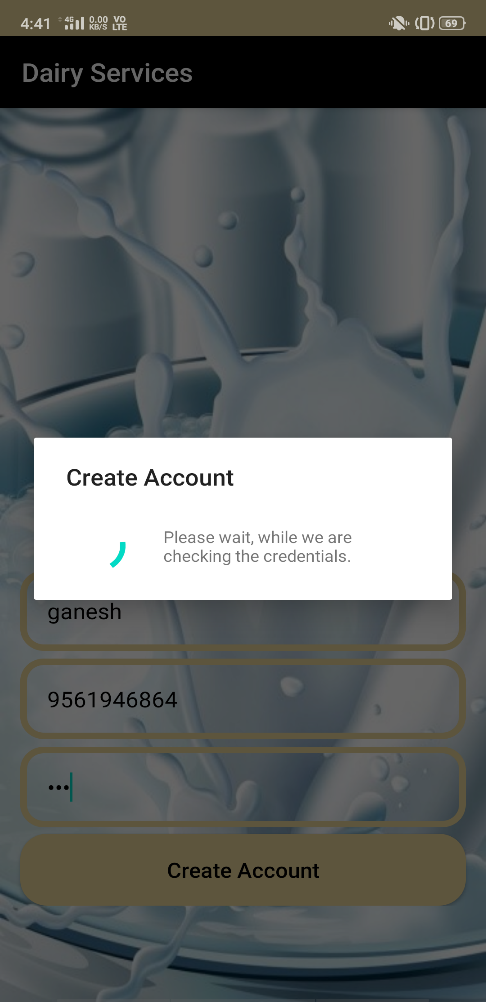
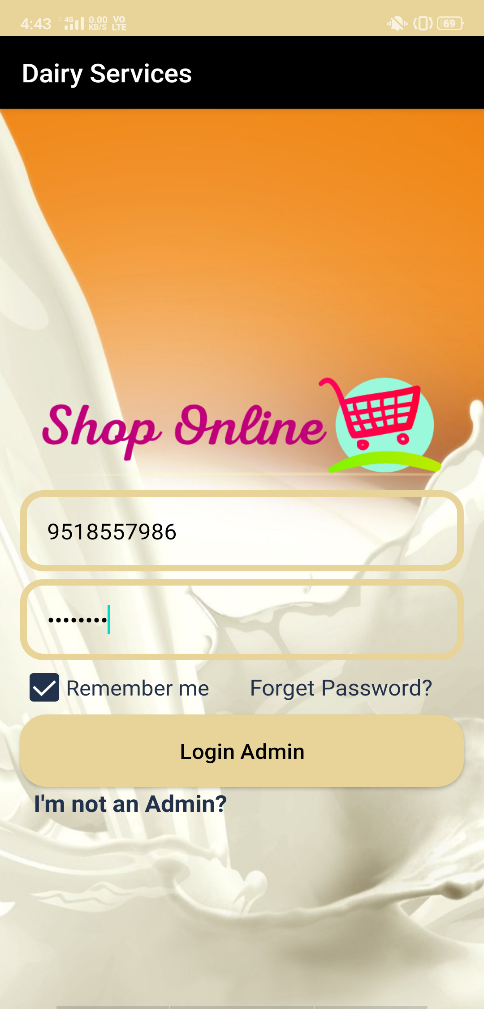
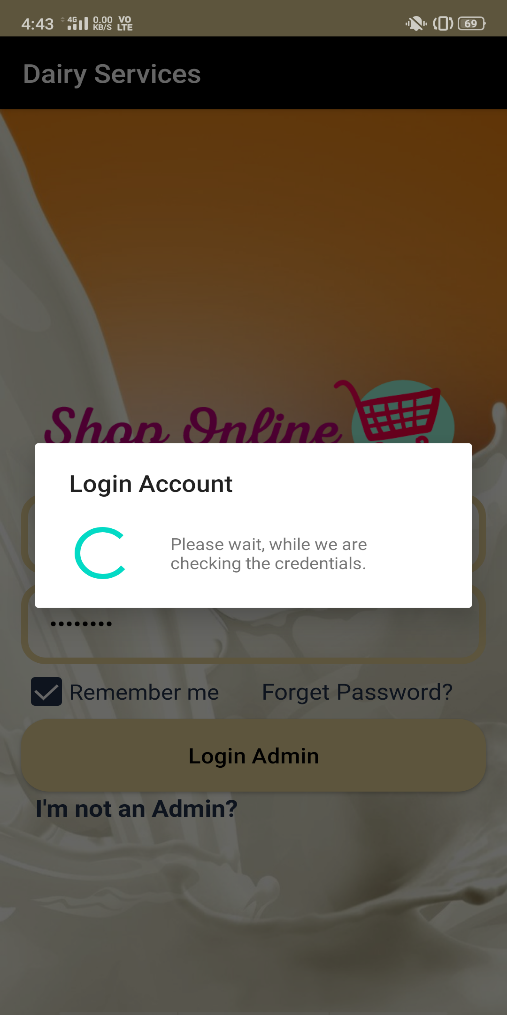
In this phase the project is fully developed and this phase is use to show the different outputs of the project this all output will be the actual screenshots of the project.



**Figure 5.2: Login Page**



**Figure 5.1: Start Page**

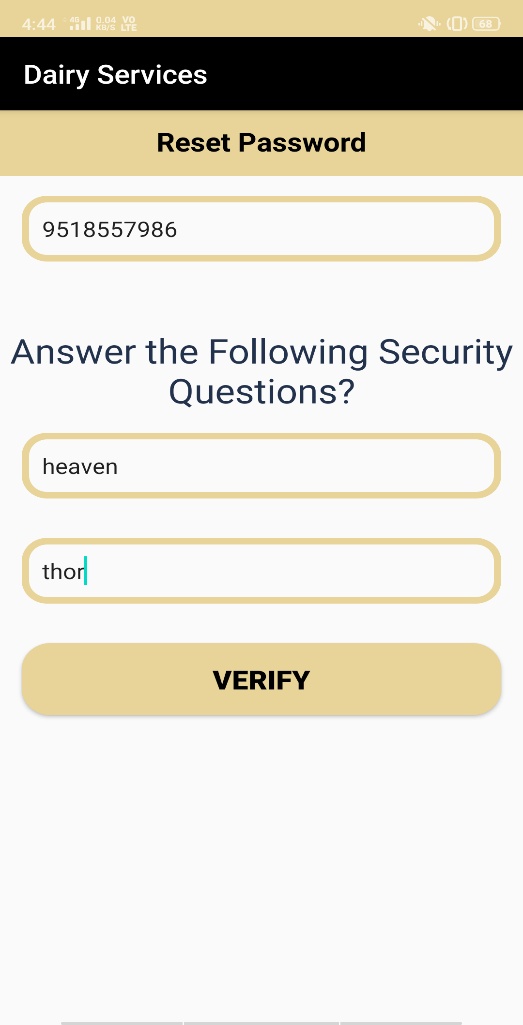
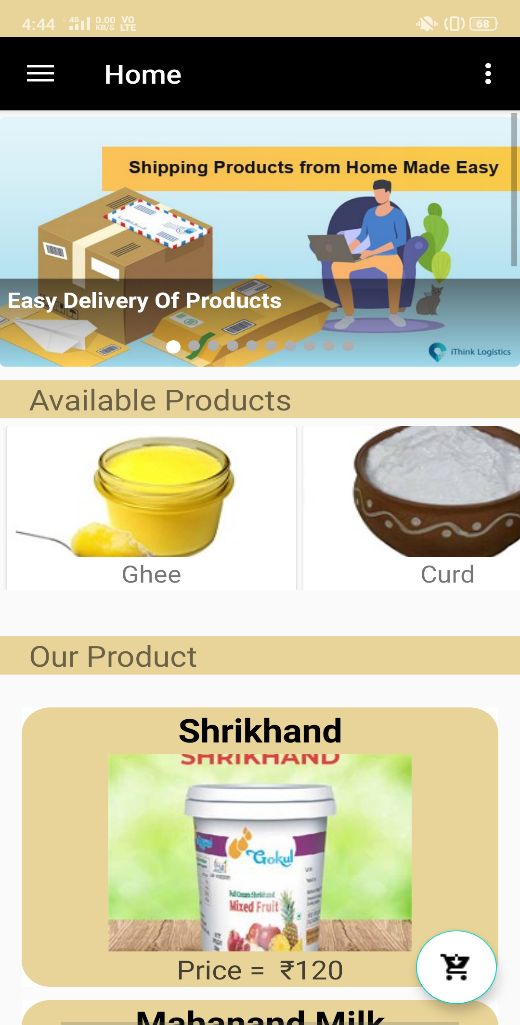
 

**Figure 5.5: Admin Login**

**Figure 5.4: Loding Dialog Box**

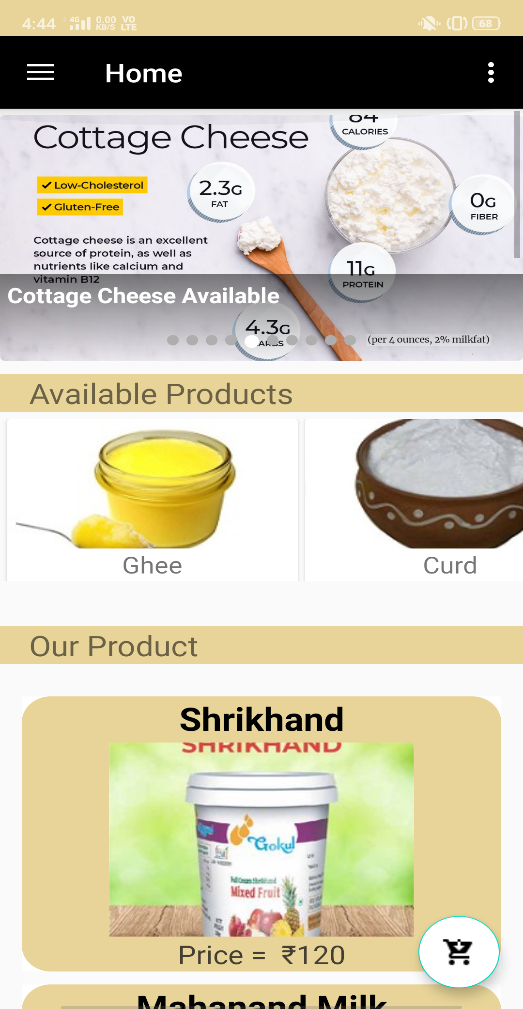
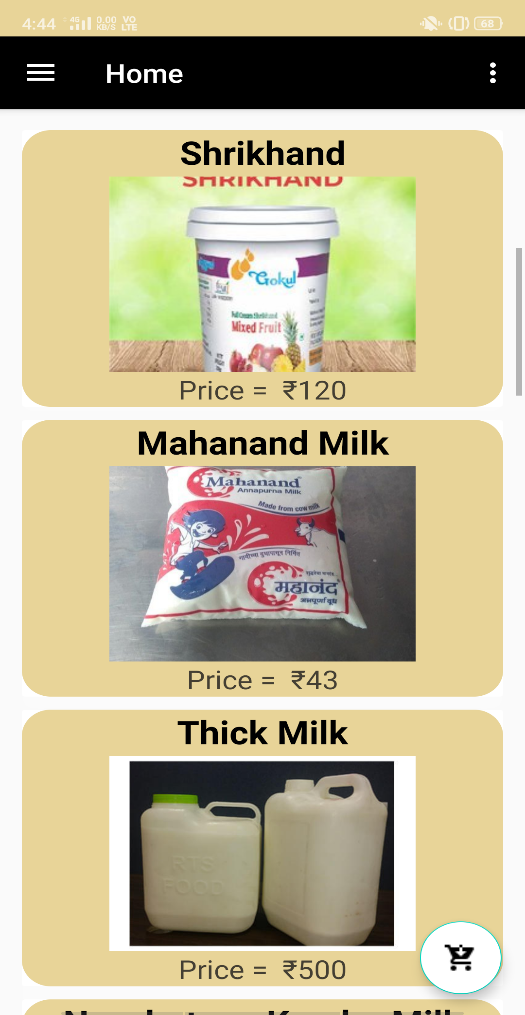
**Figure 5.3: Register Page**

**Figure 5.6: Admin Login Loding Bar**



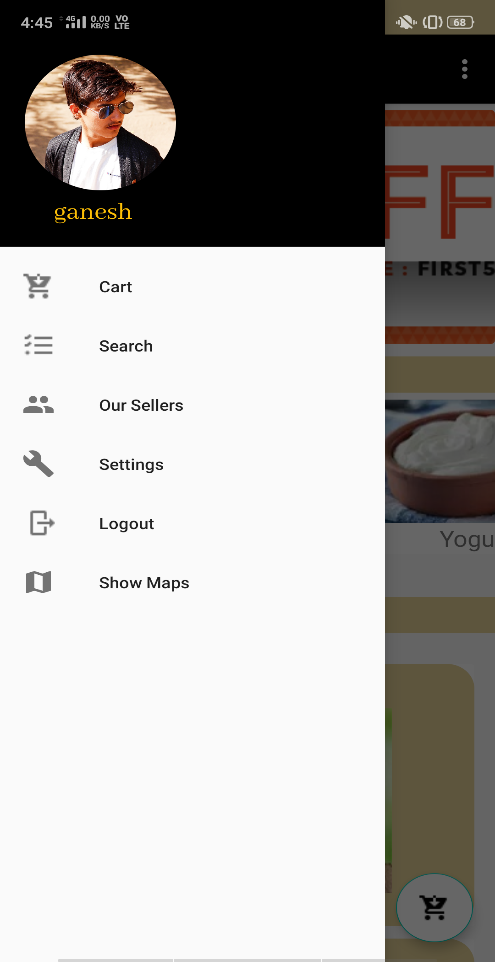
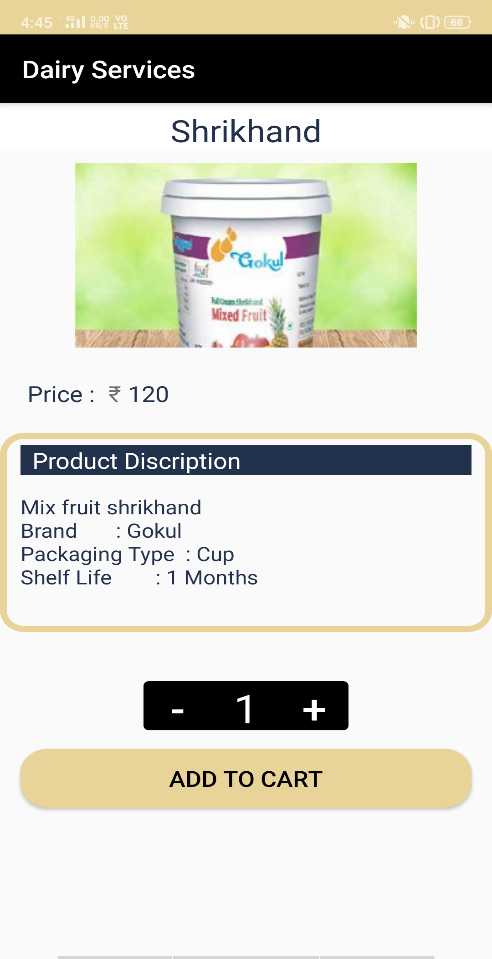
**Figure 5.7: Forgot Password Page**

**Figure 5.8: Home Page**



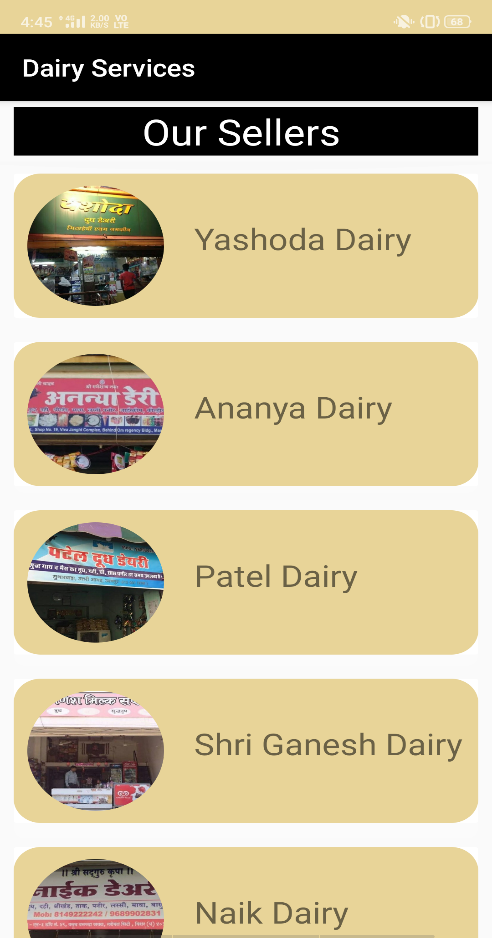
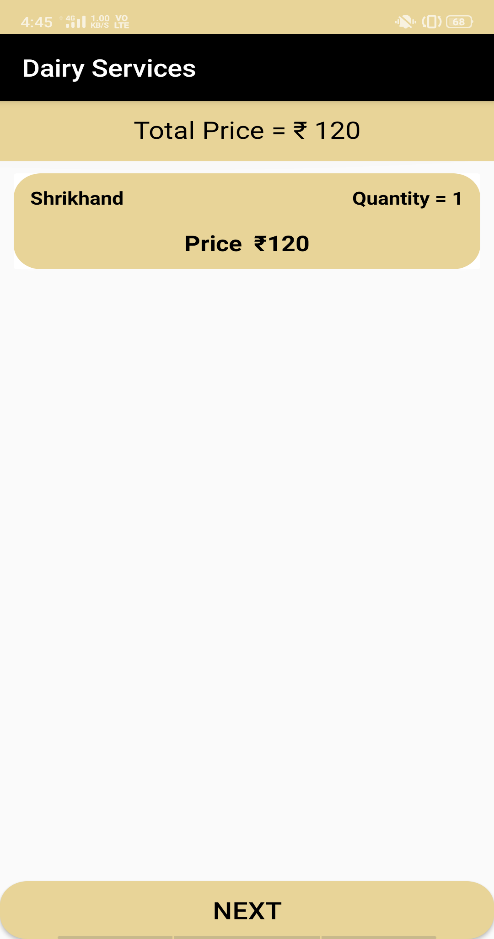
**Figure 5.10: Home Page Products**

**Figure 5.9: Home Page Image Slider**



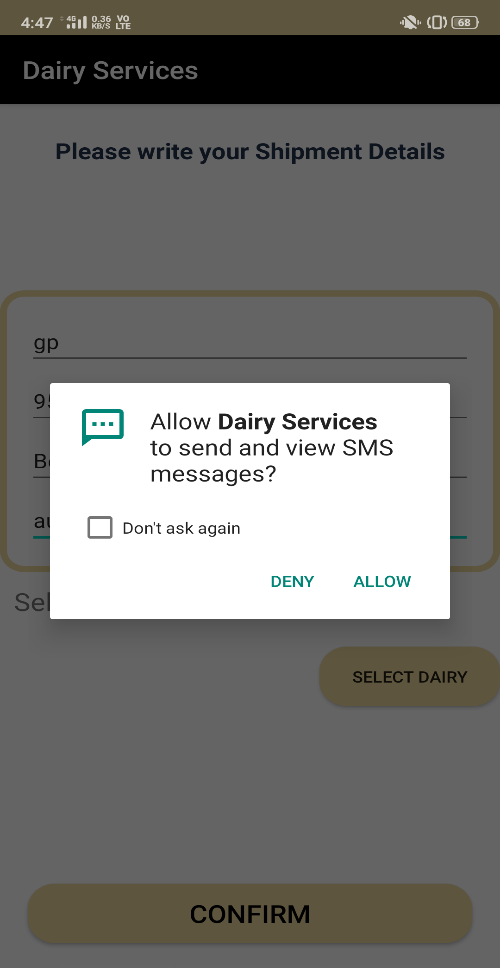
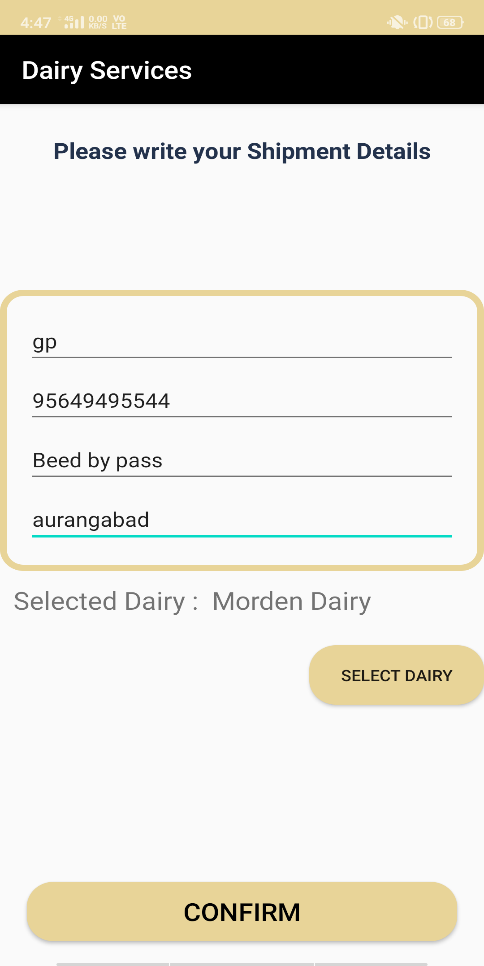
**Figure 5.11: Navigation Menu**

**Figure 5.12: Product Details Activity**



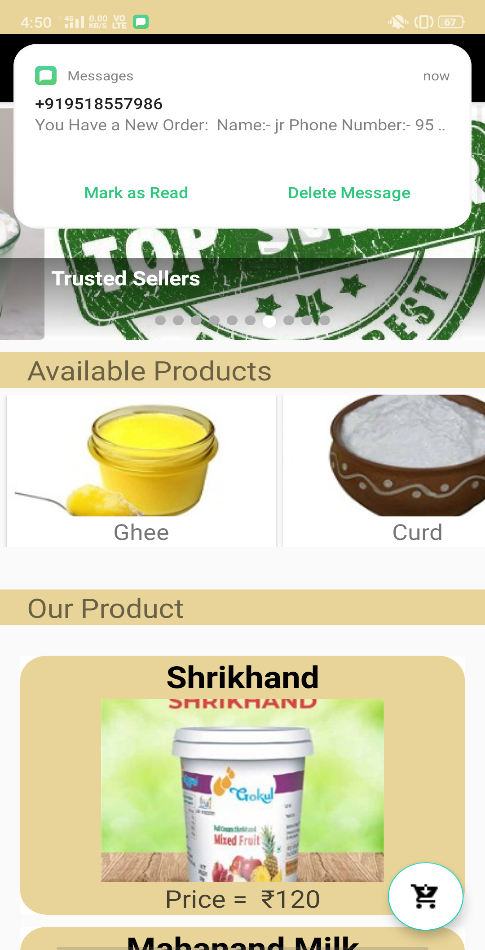
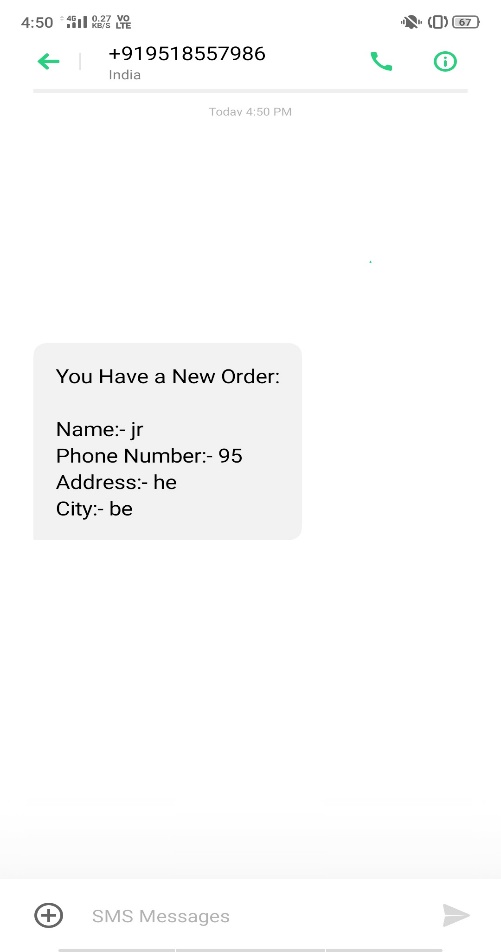
**Figure 5.13: Cart Activity**

**Figure 5.14: Our Sellers Activity**

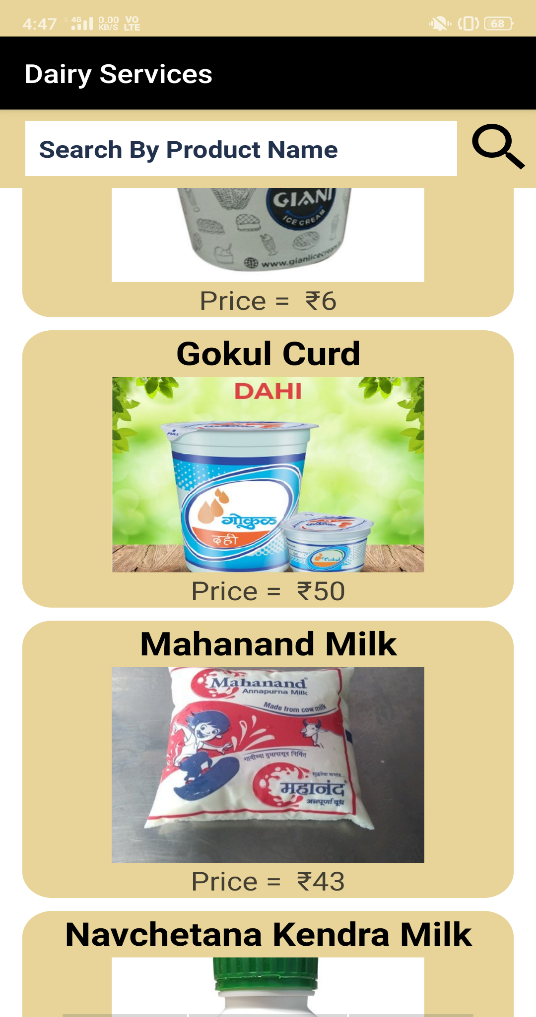
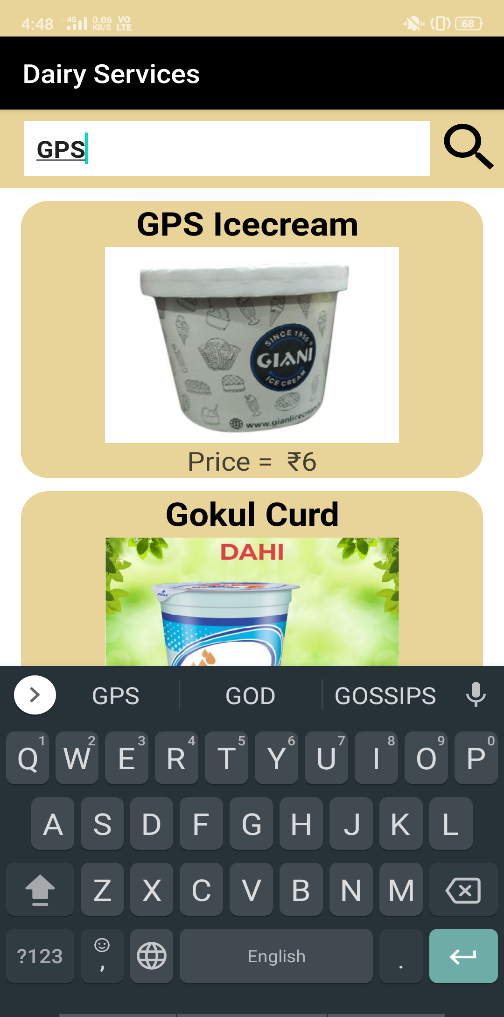
**Figure 5.15: Confrim Order Activity**

**Figure 5.16: Permission to Send Message**



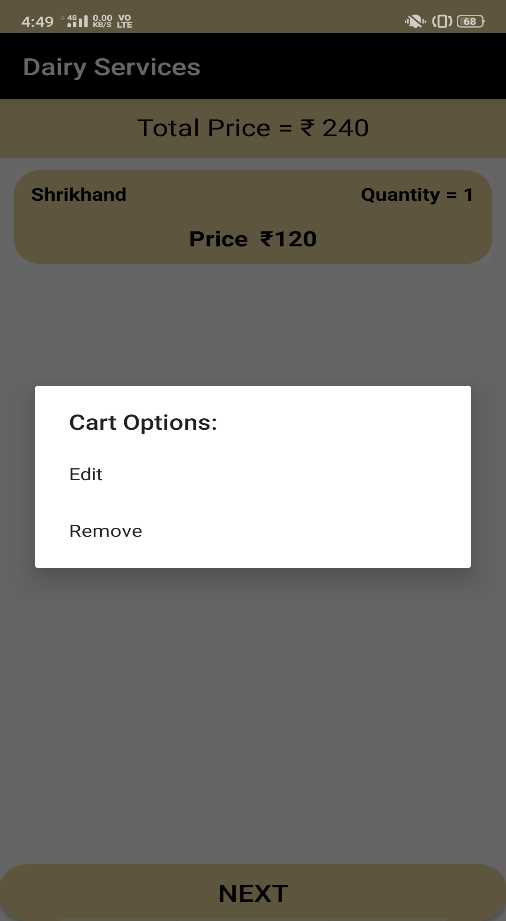
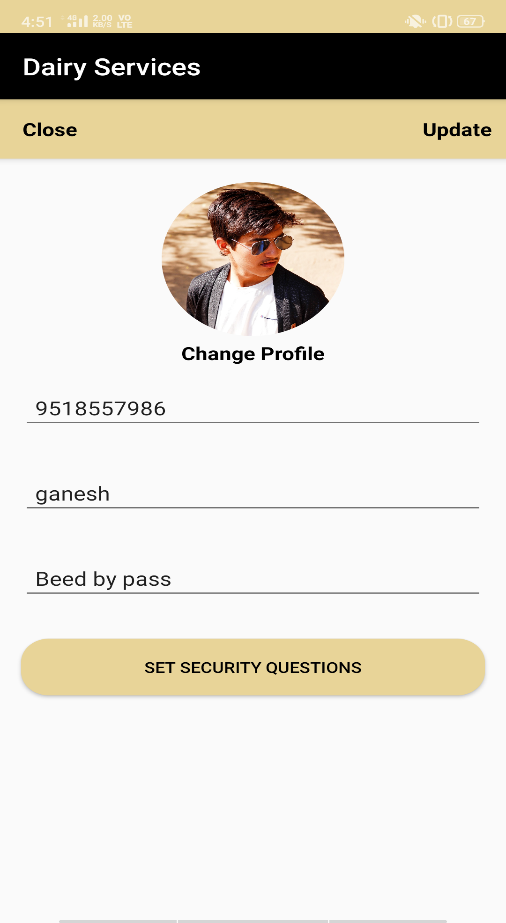
**Figure 5.17: Message Arrived**

**Figure 5.18: Recived Message**



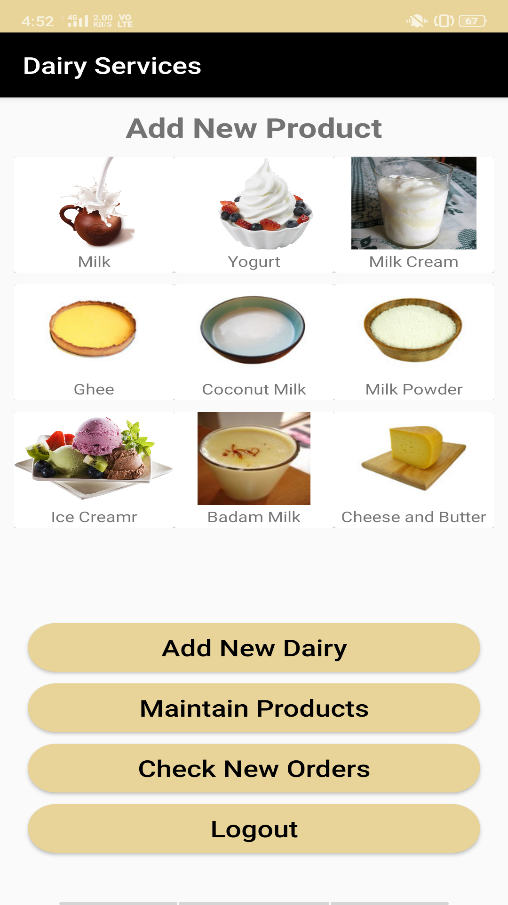
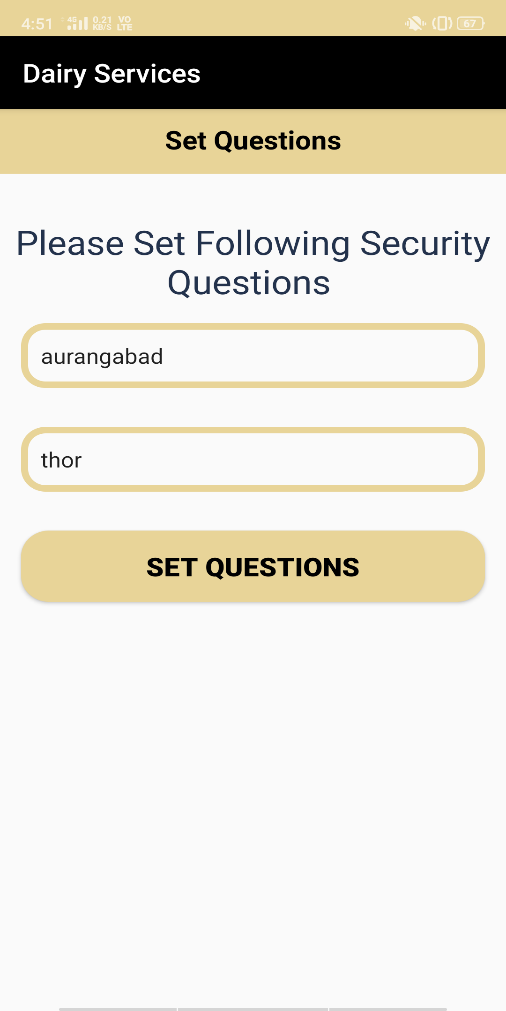
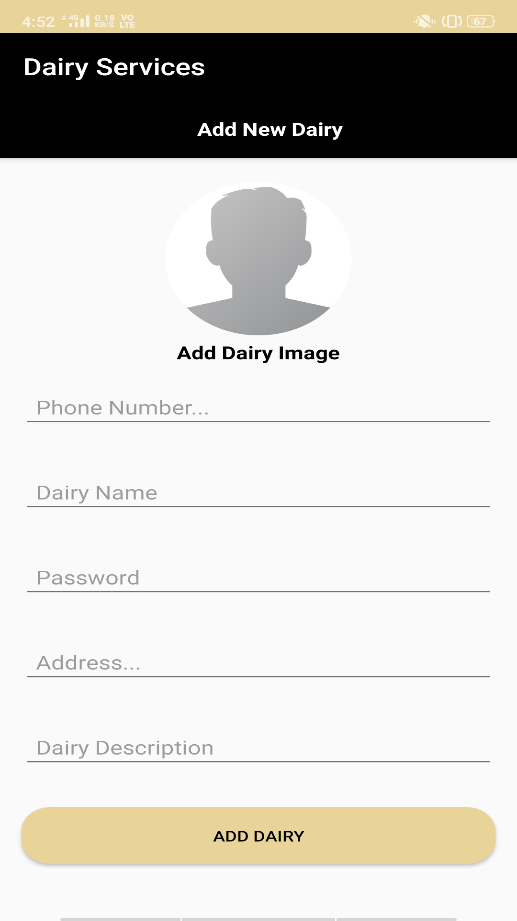
**Figure 5.20: Search Results**

**Figure 5.19: Search Products Activity**



**Figure 5.22: Setting Activity**

**Figure 5.21: Cart Options**

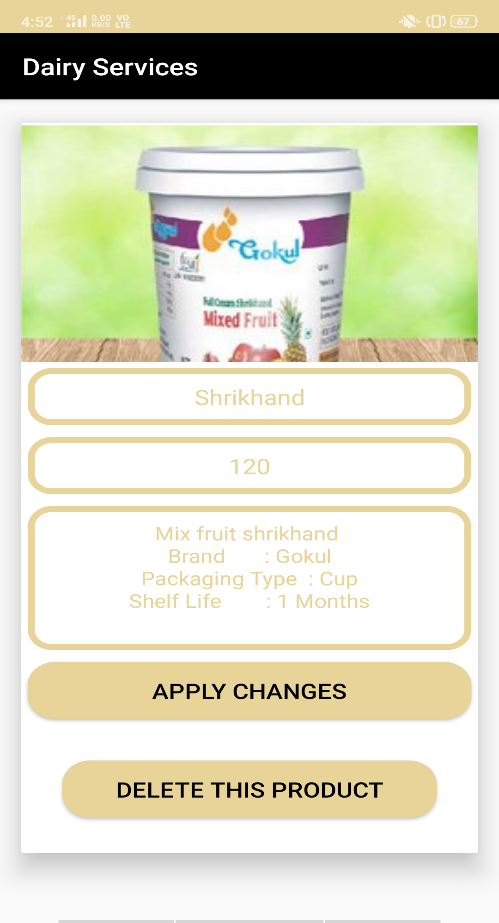
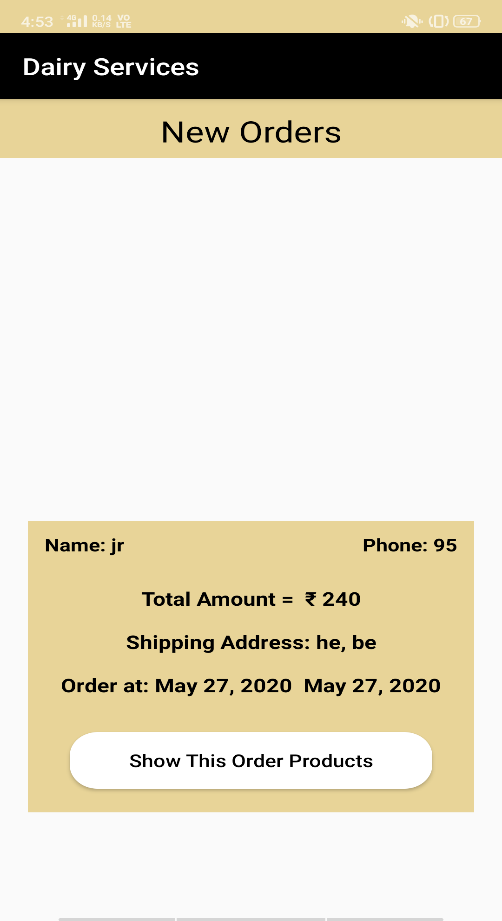


**Figure 5.26: Add New Dairy Activity**

**Figure 5.25: Admin Login Home Page**

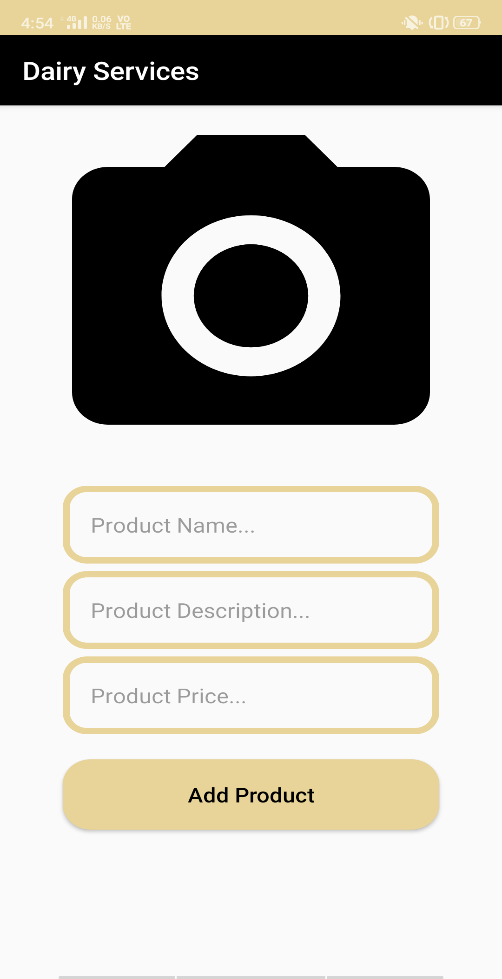
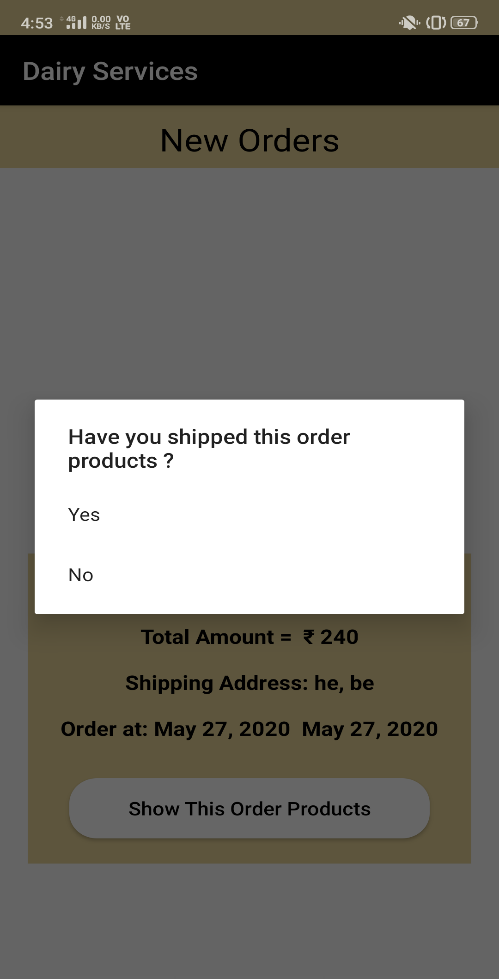
**Figure 5.23: Set Security Questions Acitvity**

**Figure 5.24: Maps Activity**



**Figure 5.28: New Orders Activity**

**Figure 5.27: Maintain Products**



**Figure 5.30: Add New Products Acivity**

**Figure 5.29: Ship Products Dialog**