

# ONLINE SHOPPING APPLICATION

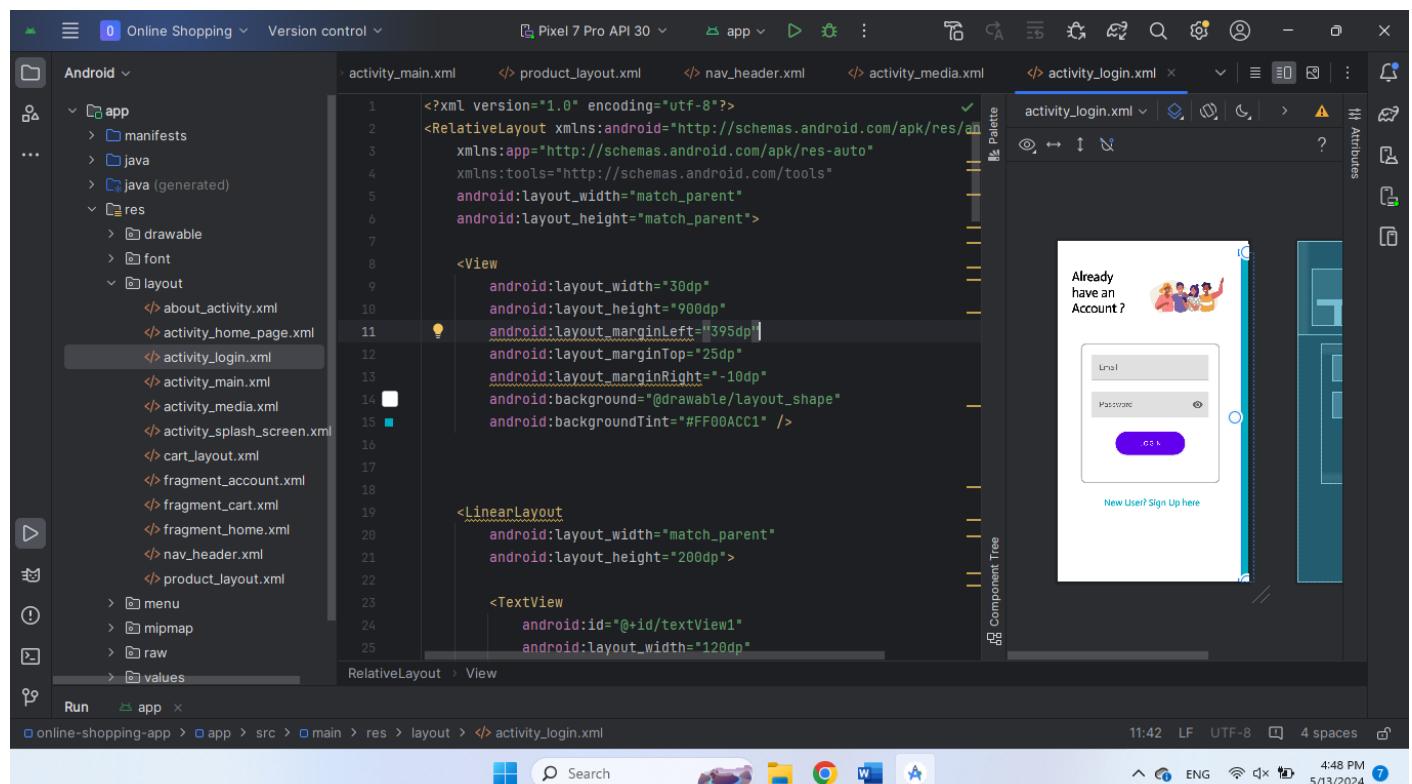
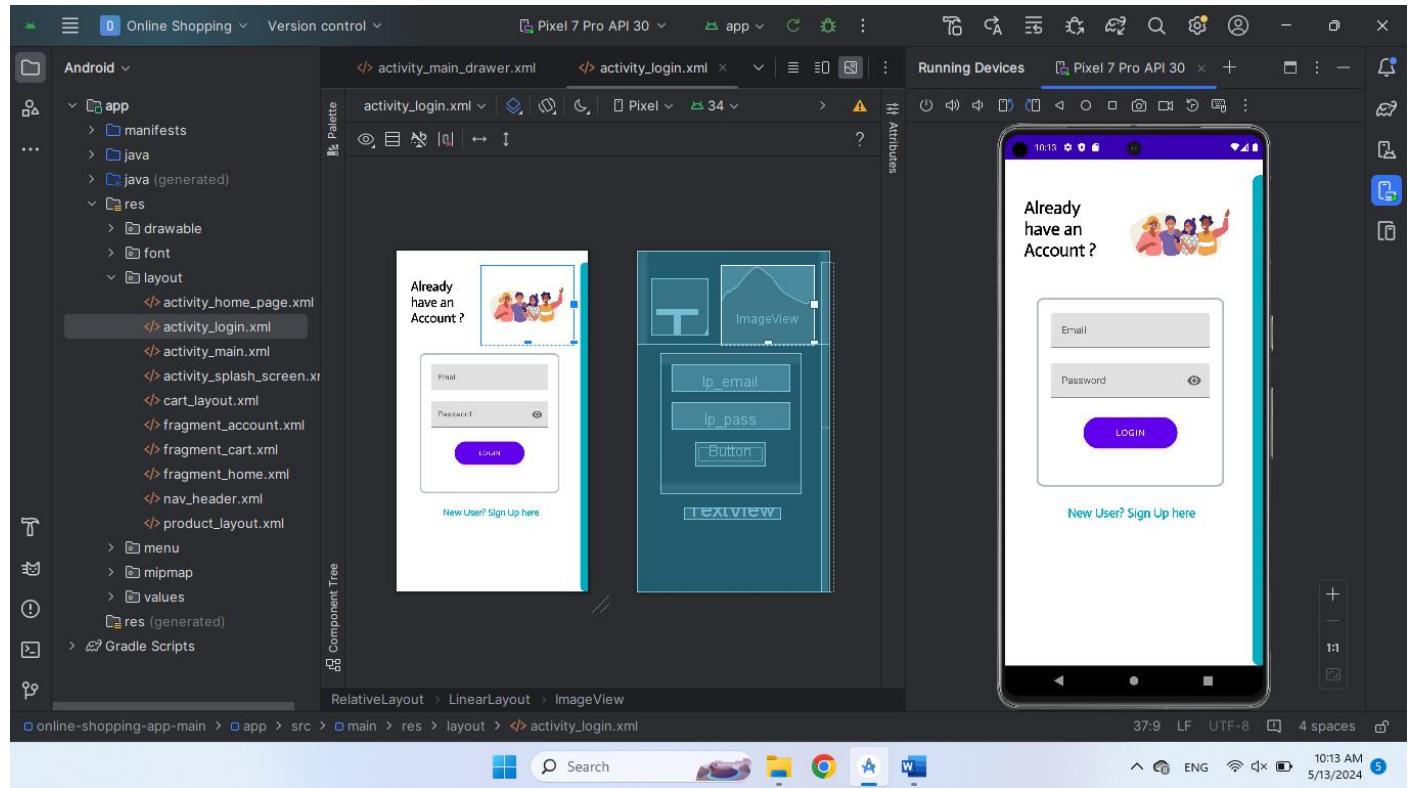


*Prepared by :*

**BUSHRA ALFOUD**  
**202207249**

**RAGHAD ABDU**  
**202203838**

## >Login:



Online Shopping Version control Pixel 7 Pro API 30 app

Android

app

activity\_main.xml product\_layout.xml nav\_header.xml activity\_media.xml activity\_login.xml

activity\_login.xml

```
<LinearLayout  
    android:layout_width="match_parent"  
    android:layout_height="200dp">  
  
    <TextView  
        android:id="@+id/textView1"  
        android:layout_width="120dp"  
        android:layout_height="120dp"  
        android:layout_marginLeft="30dp"  
        android:layout_marginTop="60dp"  
  
        android:fontFamily="@font/actor"  
        android:text="Already have an Account ?"  
        android:textAlignment="gravity"  
        android:textColor="#000000"  
        android:textSize="28sp"  
        android:textStyle="bold"/>  
  
    <ImageView  
        android:layout_width="200dp"  
        android:layout_height="170dp"  
        android:layout_marginLeft="30dp"  
        android:layout_marginTop="30dp"  
        android:src="@drawable/signup_stock_1" />  
  
</LinearLayout>
```

RelativeLayout LinearLayout

Component Tree

Already have an Account? New User? Sign Up here

Run app

online-shopping-app > app > src > main > res > layout > activity\_login.xml

20:44 LF UTF-8 4 spaces

5/13/2024 4:48 PM

Online Shopping Version control Pixel 7 Pro API 30 app

Android

app

activity\_main.xml product\_layout.xml nav\_header.xml activity\_media.xml activity\_login.xml

activity\_login.xml

```
</LinearLayout>  
  
<LinearLayout  
    android:layout_width="300dp"  
    android:layout_height="300dp"  
    android:layout_marginLeft="50dp"  
    android:layout_marginTop="220dp"  
    android:background="@drawable/layout_shape"  
    android:orientation="vertical">  
  
<com.google.android.material.textfield.TextInputLayout  
    android:id="@+id/emailLayout"  
    android:layout_width="match_parent"  
    android:layout_height="The view should be as big as its parent  
    android:layout_marginS (minus padding). Introduced in API Level 8.  
    android:layout_marginT Online_Shopping.app.main  
    android:layout_marginEnd="24dp"  
  
    app:layout_constraintEnd_toEndOf="parent"  
    app:layout_constraintStart_toStartOf="parent"  
    app:layout_constraintTop_toTopOf="parent">  
  
<com.google.android.material.textfield.TextInputEditText  
    android:id="@+id/editTextEmail" />
```

RelativeLayout LinearLayout

Component Tree

Already have an Account? New User? Sign Up here

Run app

online-shopping-app > app > src > main > res > layout > activity\_login.xml

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5/13/2024 4:49 PM

Online Shopping Version control Pixel 7 Pro API 30 app

Android

app

res

layout

activity\_login.xml

```
</com.google.android.material.textfield.TextInputLayout>
<com.google.android.material.textfield.TextInputLayout
    android:id="@+id/passLayout"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginStart="24dp"
    android:layout_marginTop="24dp"
    android:layout_marginEnd="24dp"

    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:passwordToggleEnabled="true">

    <com.google.android.material.textfield.TextInputEditText
        android:id="@+id/lp_pass"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Password"
        android:inputType="textPassword" />

</com.google.android.material.textfield.TextInputLayout>
```

Button

android:id="@+id/loginBtn"

Component Tree

Already have an Account?

New User? Sign Up here

Run app

online-shopping-app app src main res layout activity\_login.xml

61:1 LF UTF-8 4 spaces

4:49 PM 5/13/2024

Online Shopping Version control Pixel 7 Pro API 30 app

Android

app

res

layout

activity\_login.xml

```
104
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<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:backgroundTint="#FF00ACC1"/>

<TextView
    android:id="@+id/signup"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="100dp"
    android:layout_marginTop="55dp"
    android:fontFamily="@font/actor"
    android:text="New User? Sign Up here"
    android:textColor="#00ACCC"
    android:textSize="20sp"
    android:textStyle="bold" />
```

</RelativeLayout>

Component Tree

Already have an Account?

New User? Sign Up here

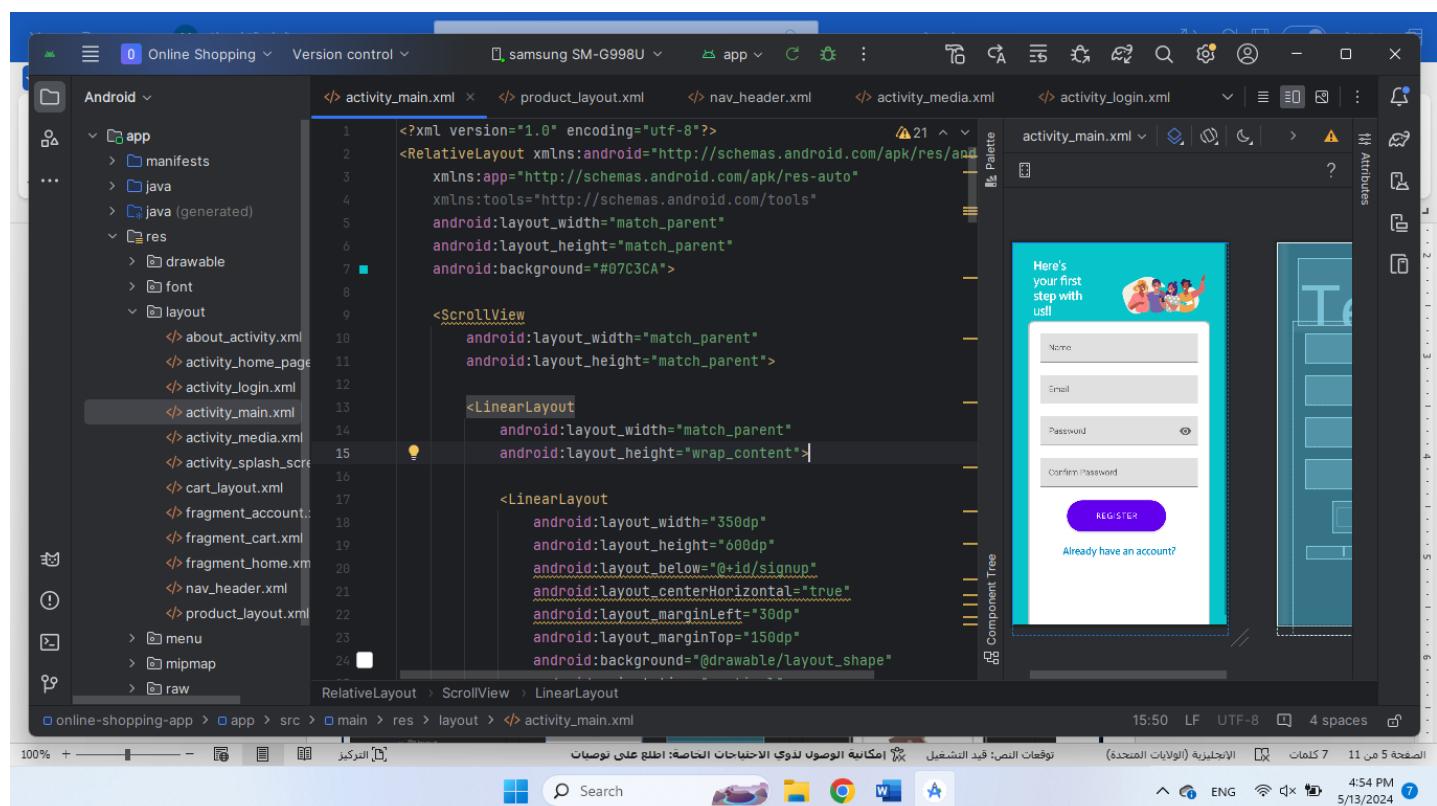
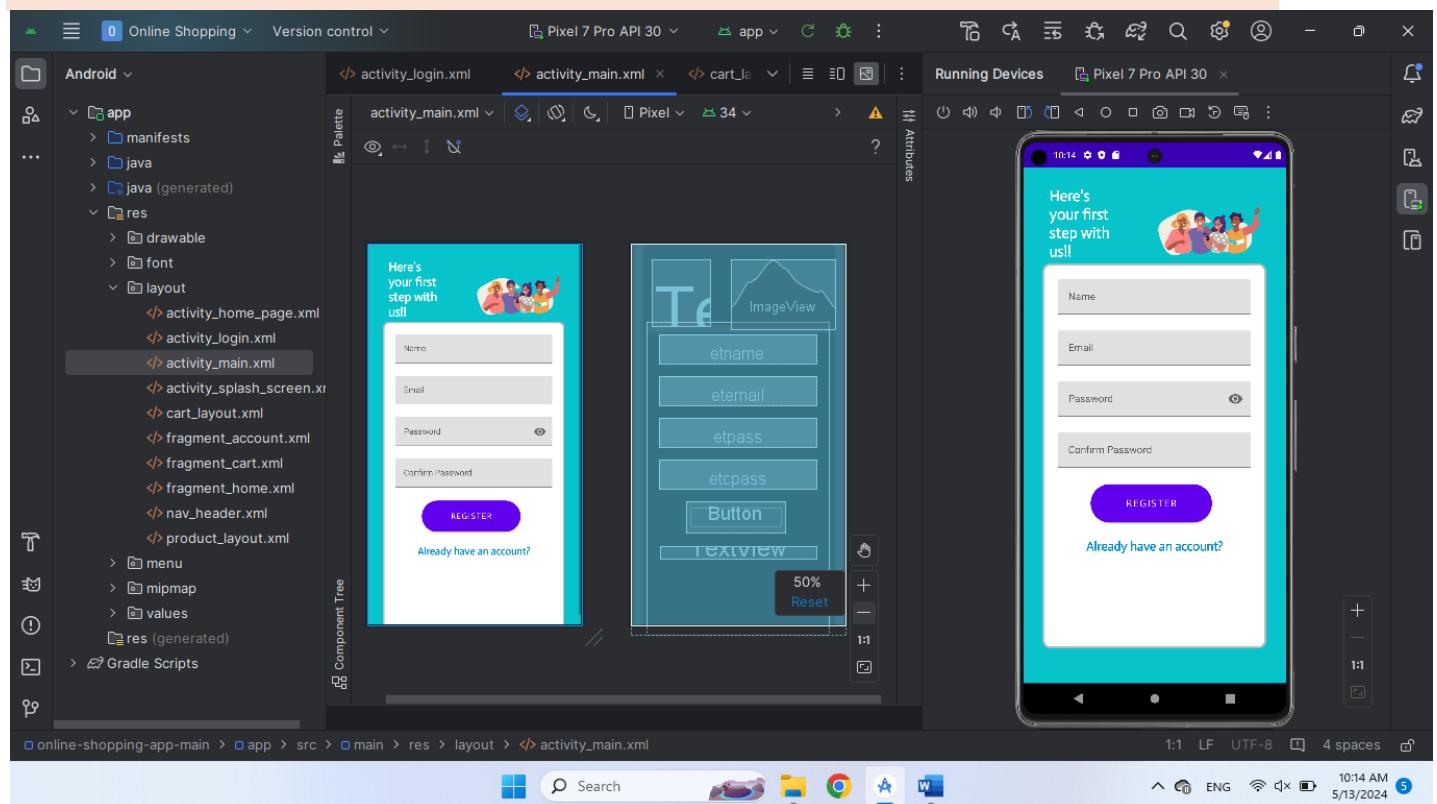
Run app

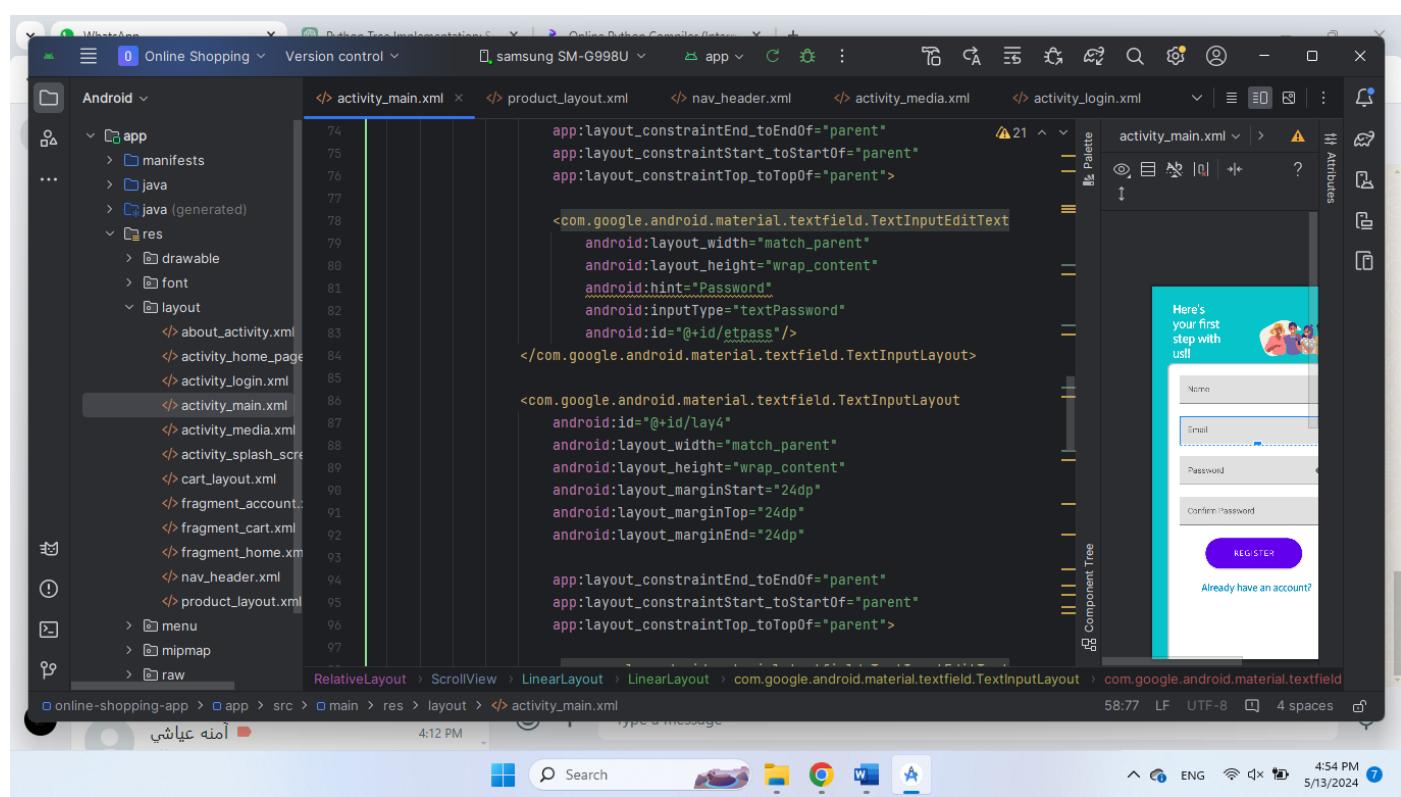
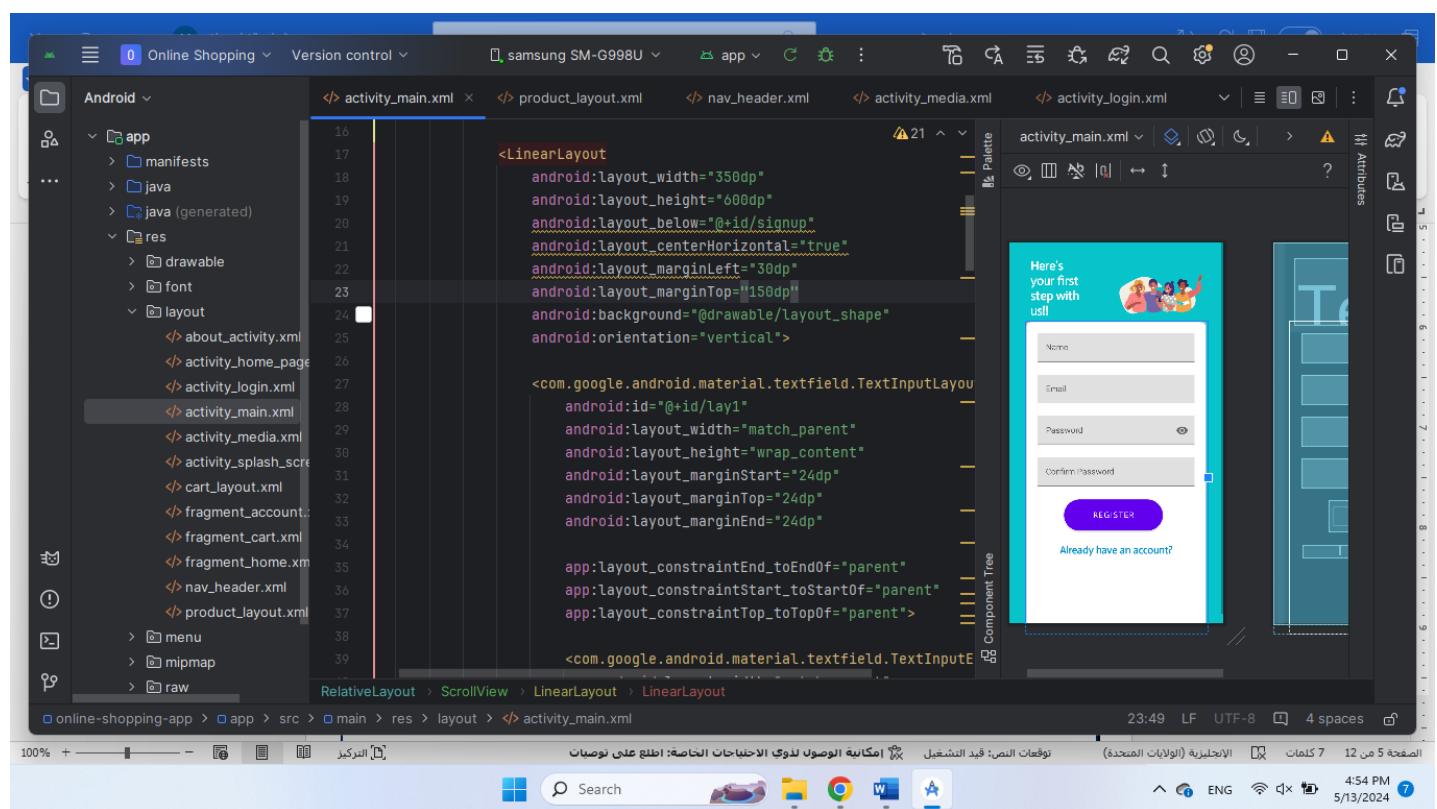
online-shopping-app app src main res layout activity\_login.xml

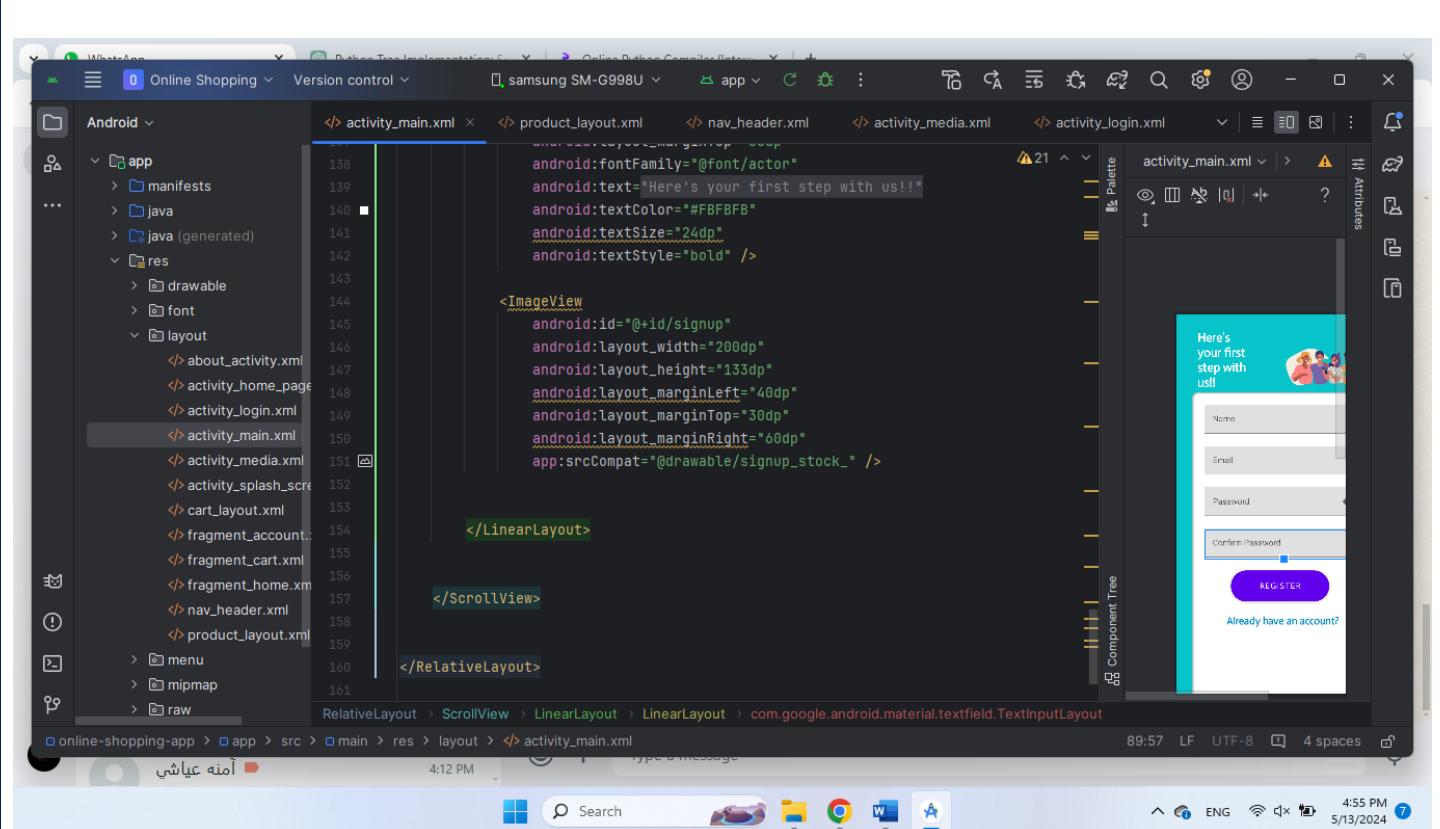
91:40 LF UTF-8 4 spaces

4:49 PM 5/13/2024

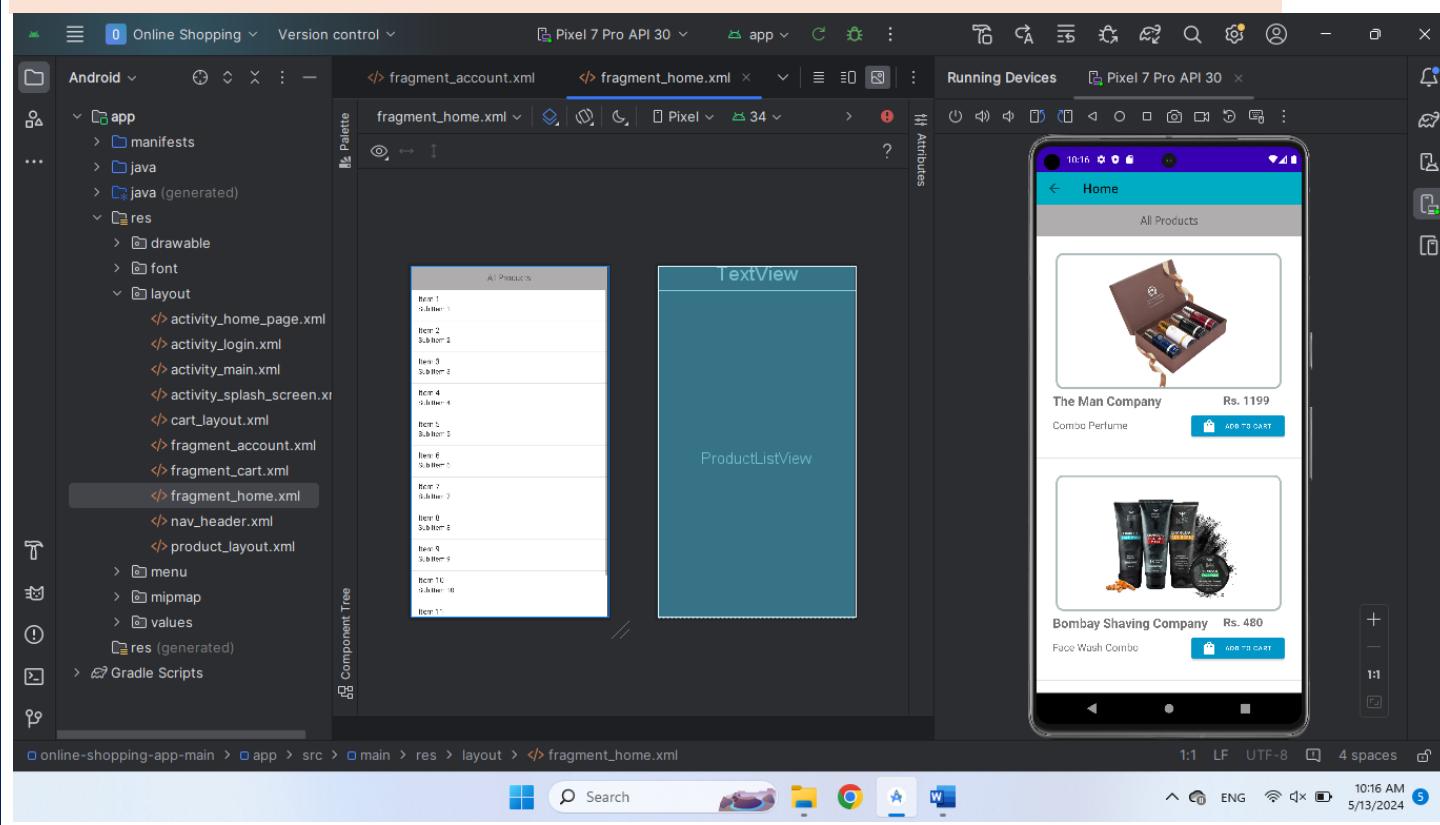
## Register:







## Home:



```

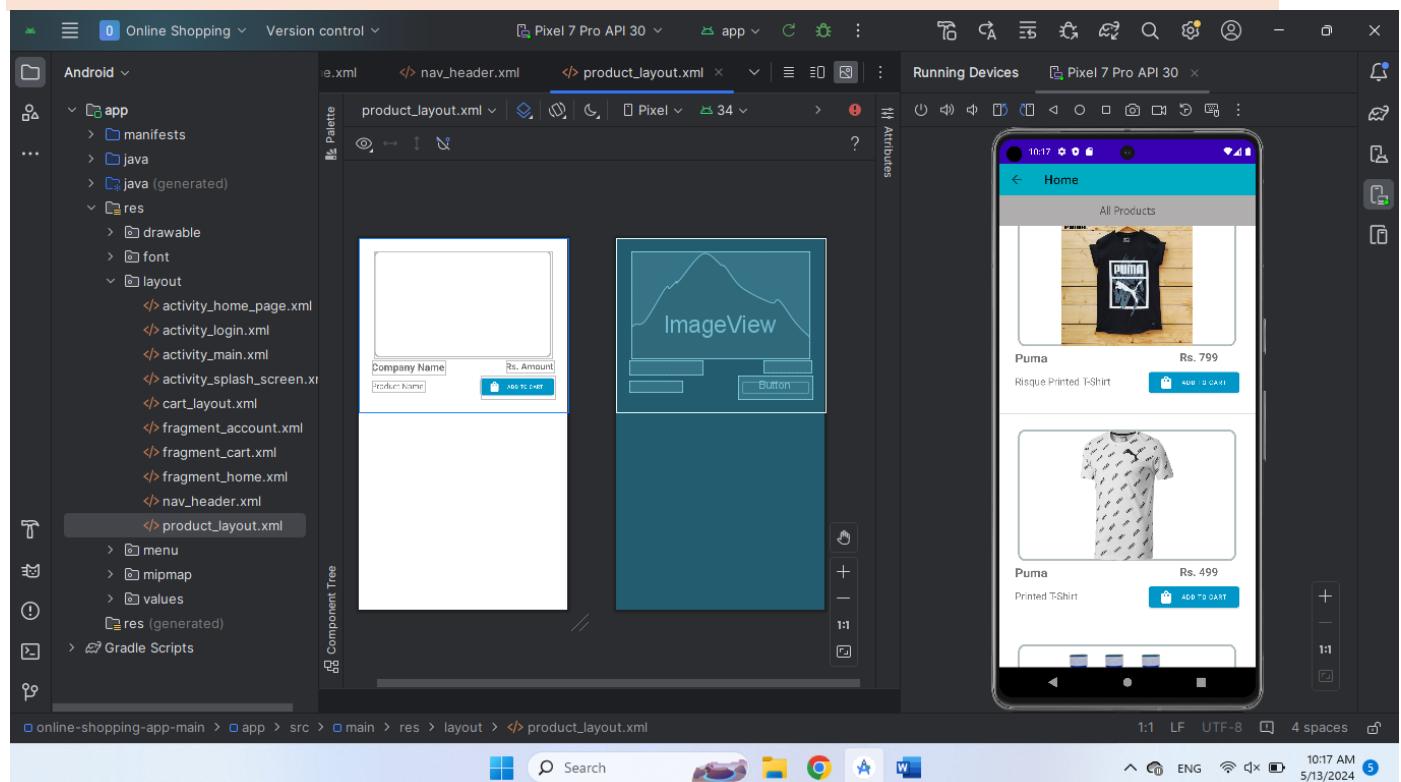
<?xml version="1.0" encoding="utf-8"?>
<FrameLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".home_fragment">

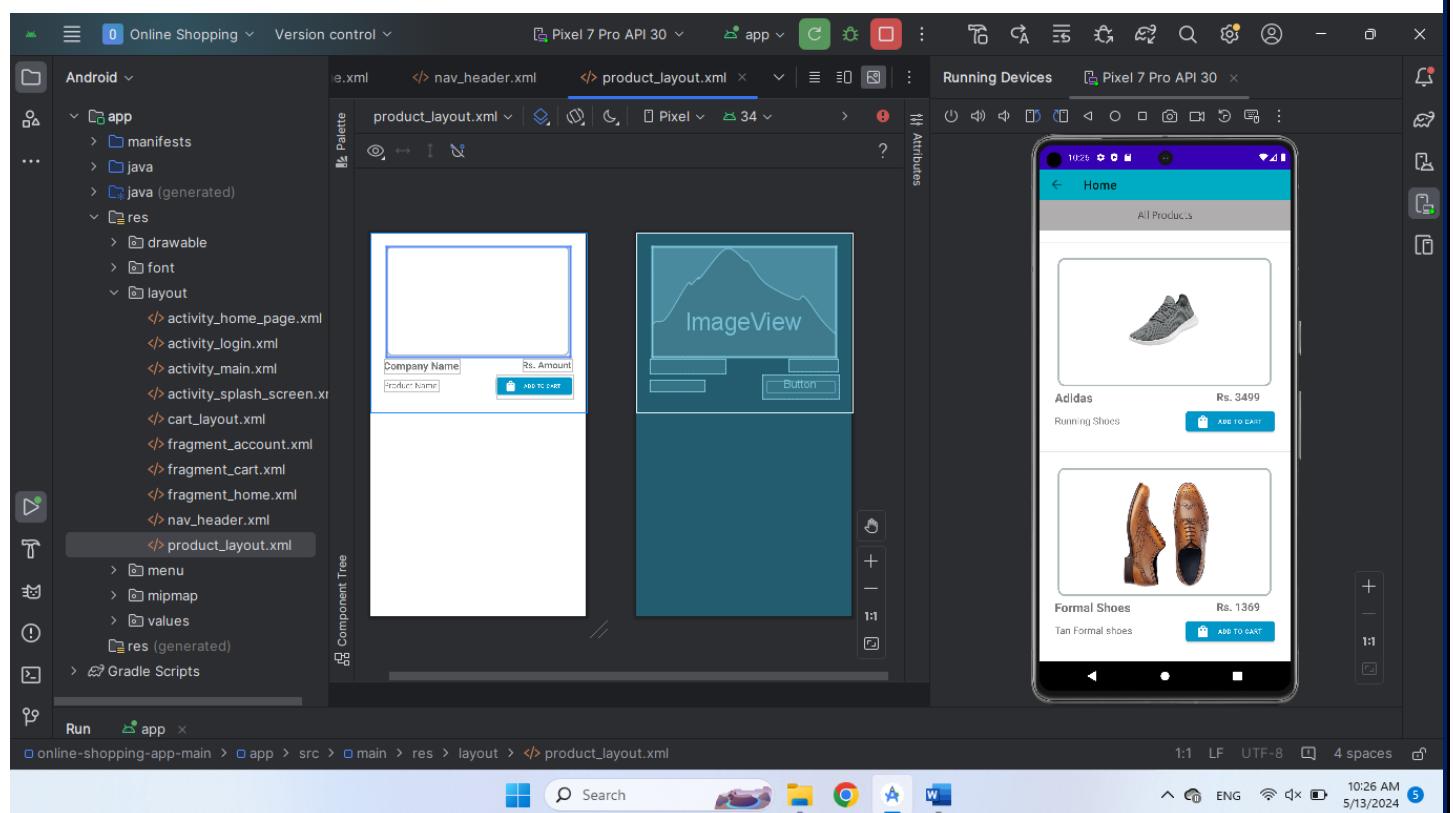
    <TextView
        android:layout_width="match_parent"
        android:layout_height="50dp"
        android:background="#E6A6A4A4"
        android:text="All Products"
        android:fontFamily="@font/actor"
        android:gravity="center"
        android:textSize="18sp"
    />

    <ListView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="50dp"
        android:id="@+id/ProductListView"
        android:footerDividersEnabled="false"
        android:headerDividersEnabled="false"
    />
</FrameLayout>

```

## product\_layout





```
<?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"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    android:orientation="vertical">

    <ImageView
        android:id="@+id/proImage"
        android:layout_width="350dp"
        android:layout_height="210dp"
        android:layout_marginLeft="30dp"
        android:layout_marginTop="25dp"
        android:background="@drawable/layout_shape" />

    <TextView
        android:id="@+id/compName"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="25dp"
        android:layout_marginLeft="25dp"
        android:layout_marginTop="240dp"
        android:layout_marginEnd="75dp"
        android:layout_marginBottom="75dp"
        android:text="Company Name"
        android:textSize="20sp"
        android:textStyle="bold" />

    <TextView
        android:id="@+id/proName"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
```

```

        android:layout_marginLeft="25dp"
        android:layout_marginTop="280dp"
        android:text="Product Name"
        android:textSize="16sp" />

    <TextView
        android:id="@+id/amtView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginLeft="290dp"
        android:layout_marginTop="240dp"
        android:text="Rs. Amount"
        android:textSize="18sp"
        android:textStyle="bold" />

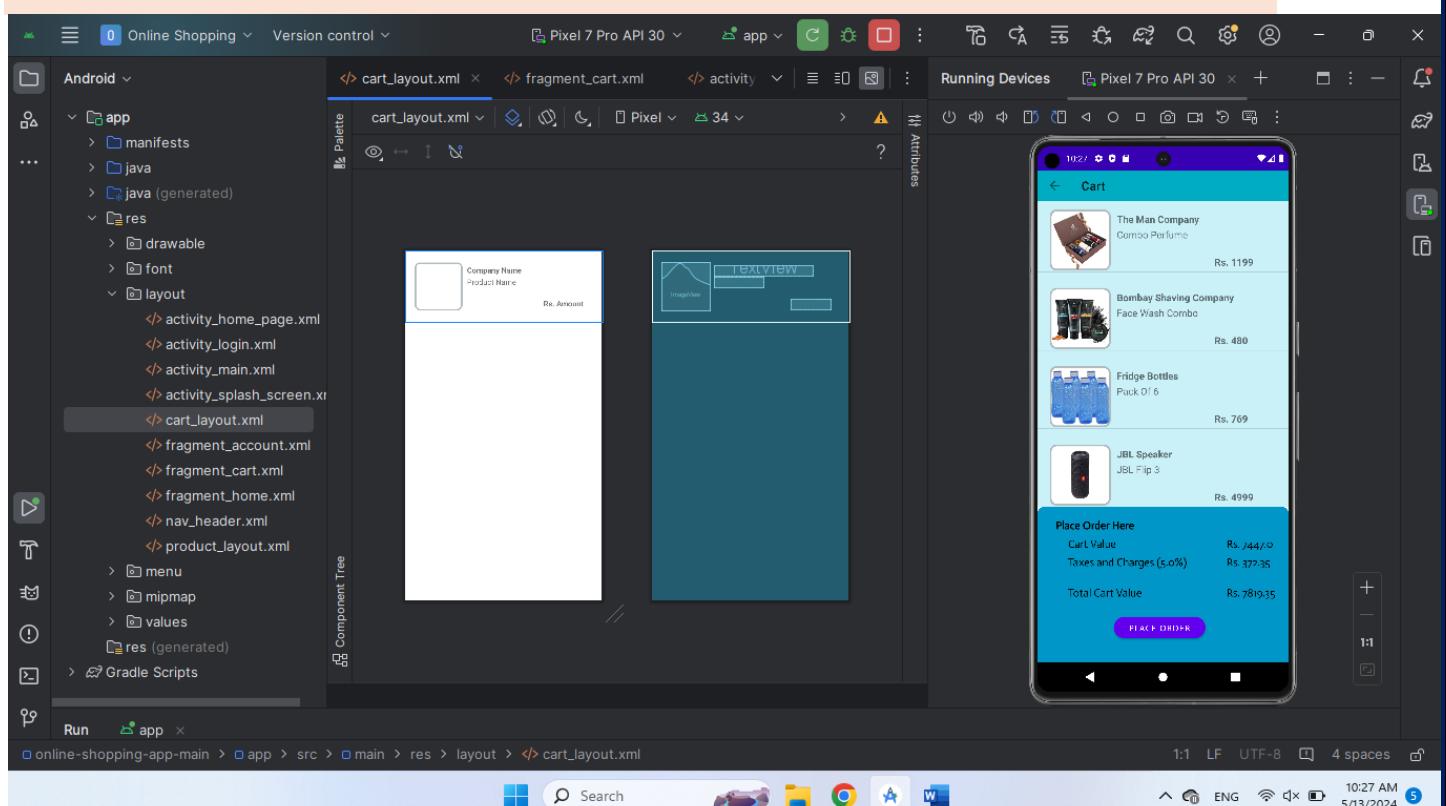
    <Button
        android:id="@+id/cartImg"

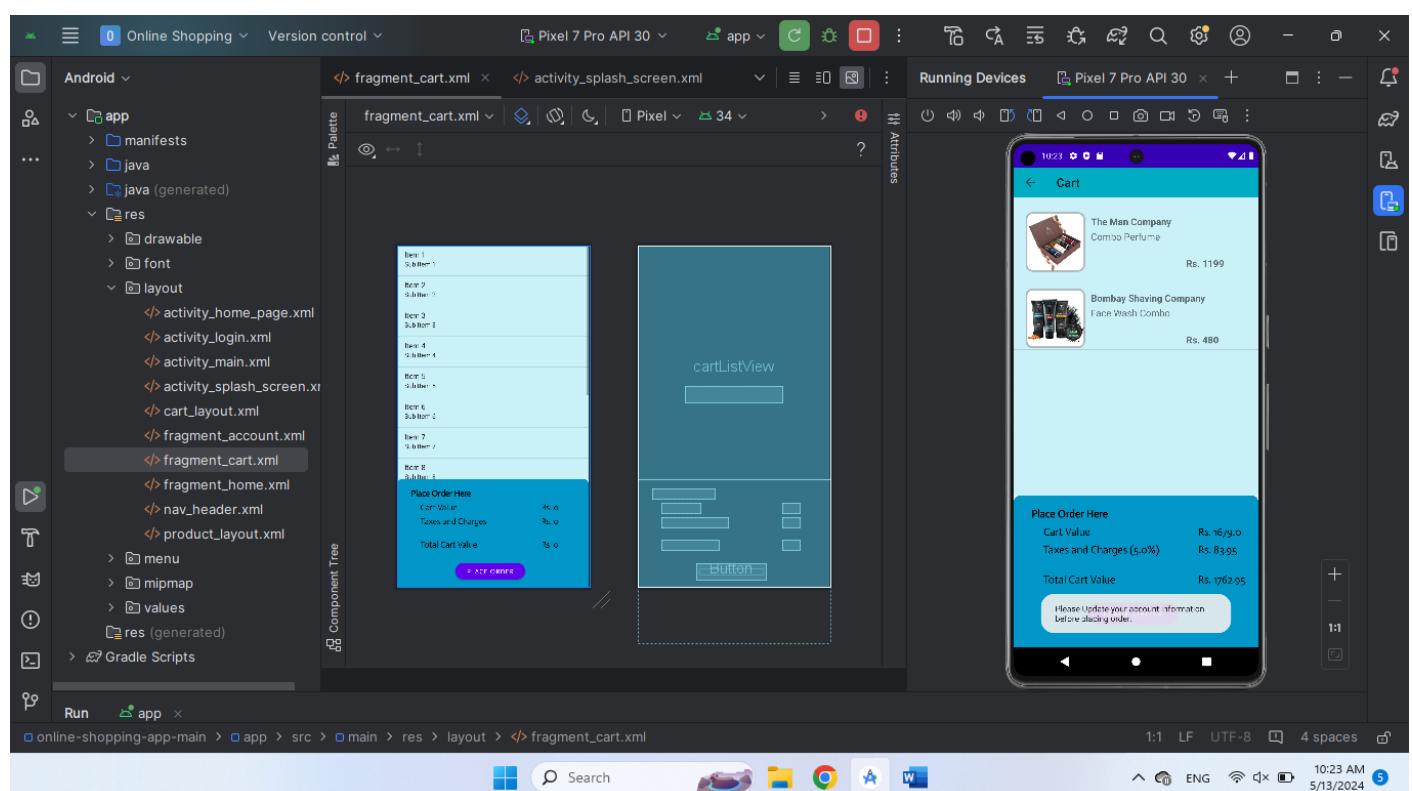
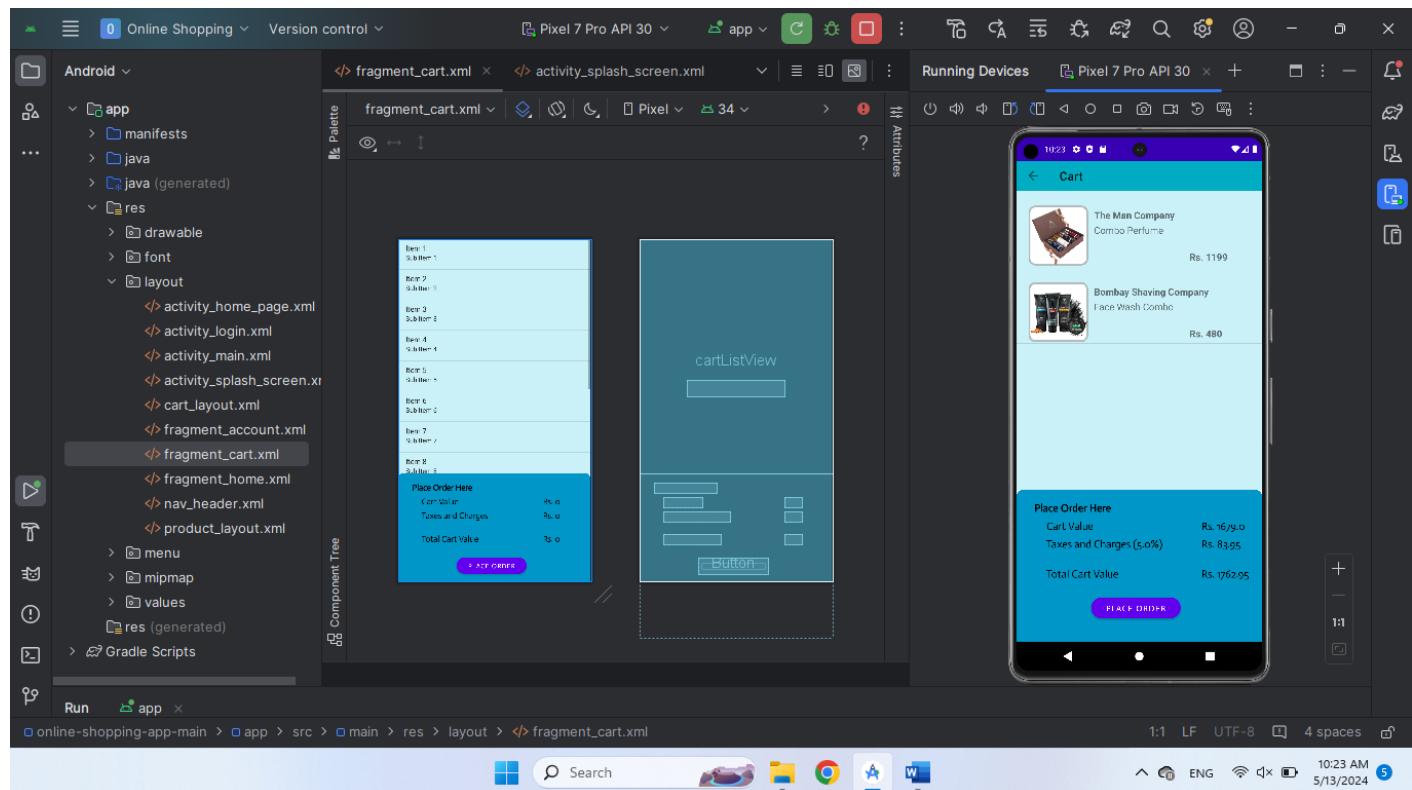
        android:layout_width="145dp"
        android:layout_height="45dp"
        android:layout_marginStart="240dp"
        android:layout_marginTop="270dp"
        android:backgroundTint="@color/accInfoColor"
        android:text="Add to cart"
        android:textSize="10sp"
        app:icon="@drawable/ic_baseline_shopping_bag_24" />

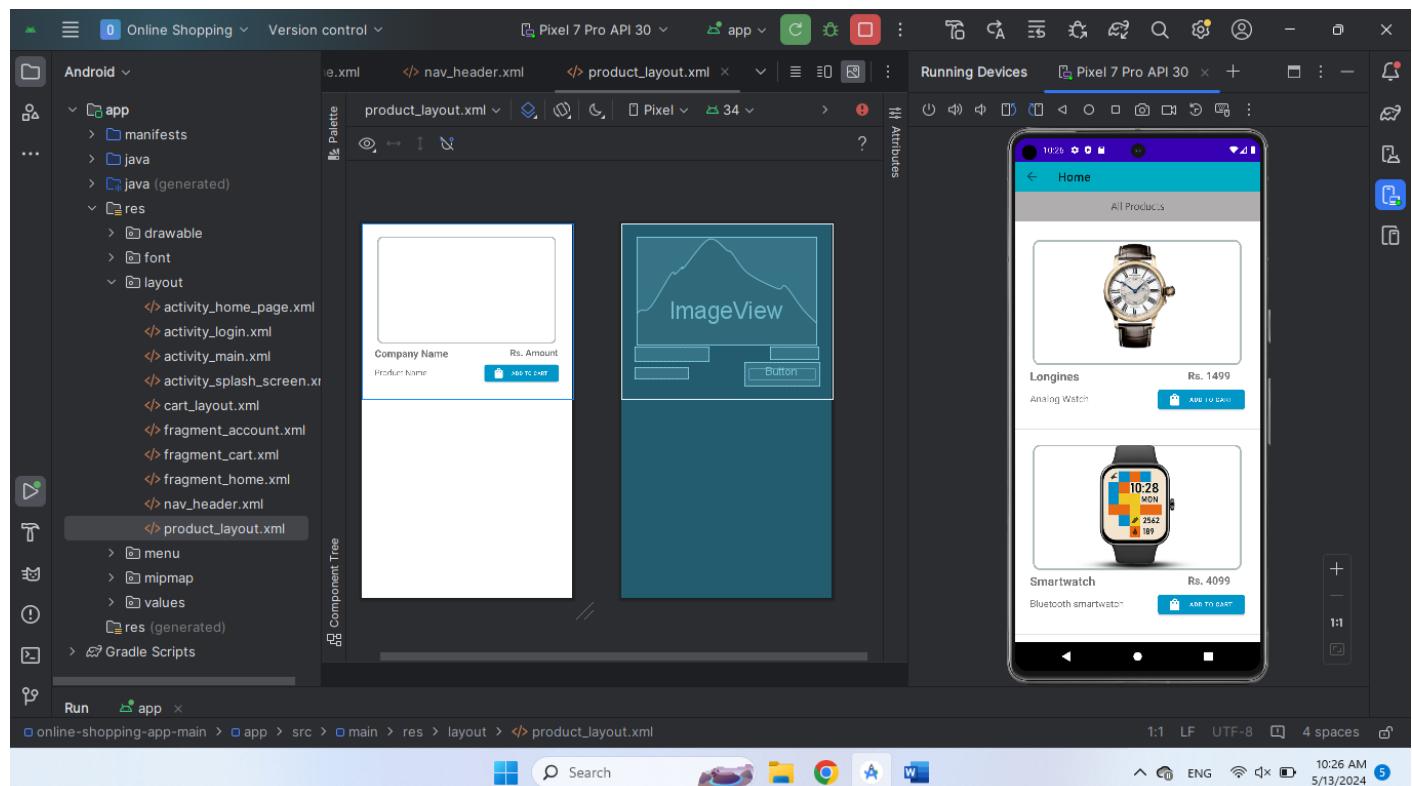
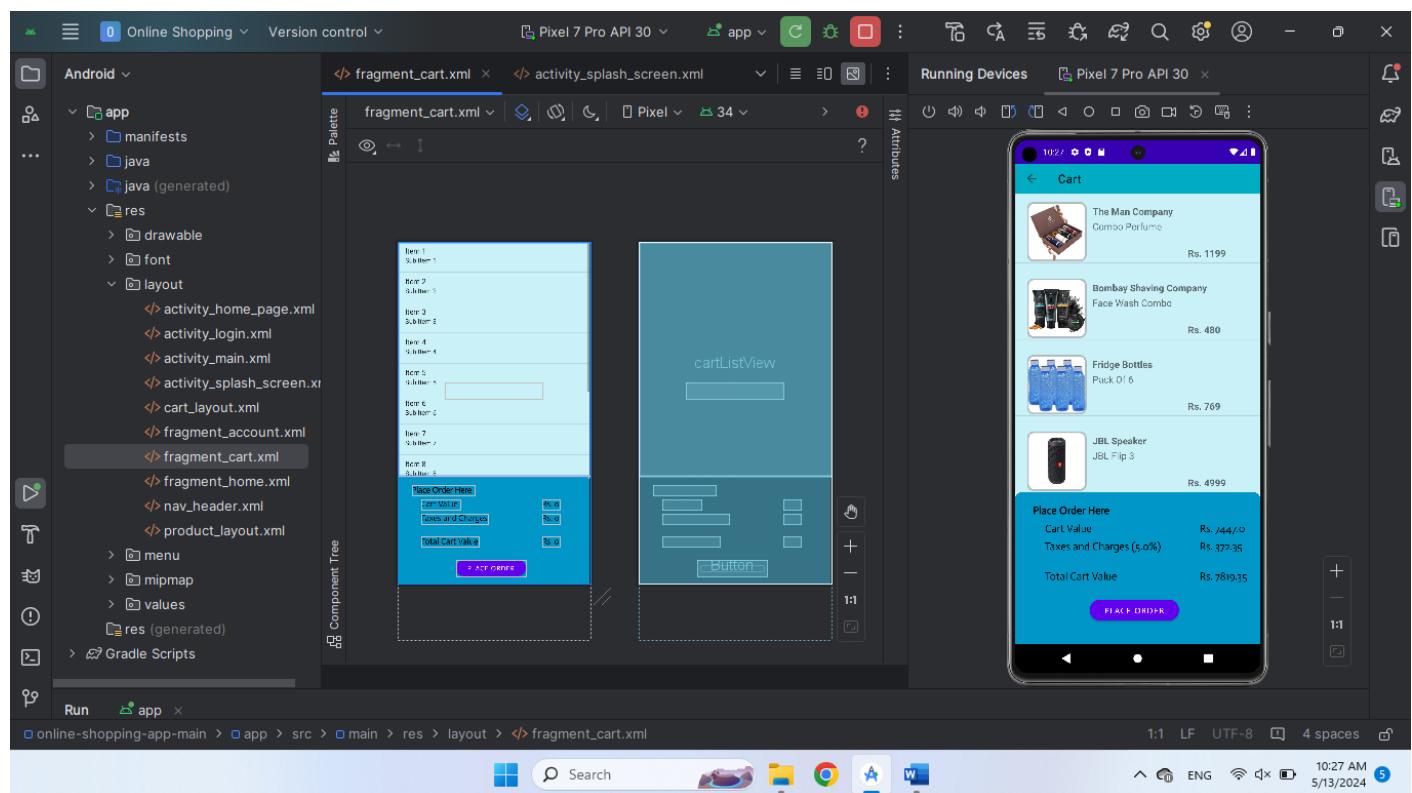
</RelativeLayout>

```

## Cart page







```

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

```

```
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        tools:context=".cart_fragment">

    <ListView
        android:layout_width="wrap_content"
        android:layout_height="500dp"
        android:id="@+id/cartListView"
        android:footerDividersEnabled="true"
        android:headerDividersEnabled="false"
        android:background="@color/accInfo"
    />
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:id="@+id/emptyCart"
        android:text="Your cart is empty"
        android:layout_marginLeft="100dp"
        android:layout_marginTop="300dp"
        android:textSize="26sp"
        android:visibility="invisible"
    />
    <RelativeLayout
        android:layout_width="match_parent"
        android:layout_height="350dp"
        android:layout_marginTop="500dp"
        android:background="@drawable/layout_shape"
        android:backgroundTint="@color/accInfoColor">

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_marginLeft="30dp"
            android:layout_marginTop="20dp"
            android:fontFamily="@font/actor"
            android:text="Place Order Here "
            android:textColor="@color/black"
            android:textSize="18sp"
            android:textStyle="bold" />

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_marginLeft="50dp"
            android:layout_marginTop="50dp"
            android:text="Cart Value "
            android:textStyle=""
            android:fontFamily="@font/actor"
            android:textSize="18sp"
            android:textColor="@color/black"
        />

        <TextView
            android:id="@+id/cartVal"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_marginLeft="310dp"
            android:layout_marginTop="50dp"
            android:fontFamily="@font/actor"
            android:text="Rs. 0"
            android:textColor="@color/black"
```

```
        android:textSize="18sp"
        android:textStyle="" />

    <TextView
        android:id="@+id/taxes"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginLeft="50dp"
        android:layout_marginTop="80dp"
        android:fontFamily="@font/actor"
        android:text="Taxes and Charges"
        android:textColor="@color/black"
        android:textSize="18sp" />
    <TextView
        android:id="@+id/cartTV"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginLeft="310dp"
        android:layout_marginTop="80dp"
        android:text="Rs. 0"
        android:fontFamily="@font/actor"
        android:textSize="18sp"
        android:textColor="@color/black"
        />

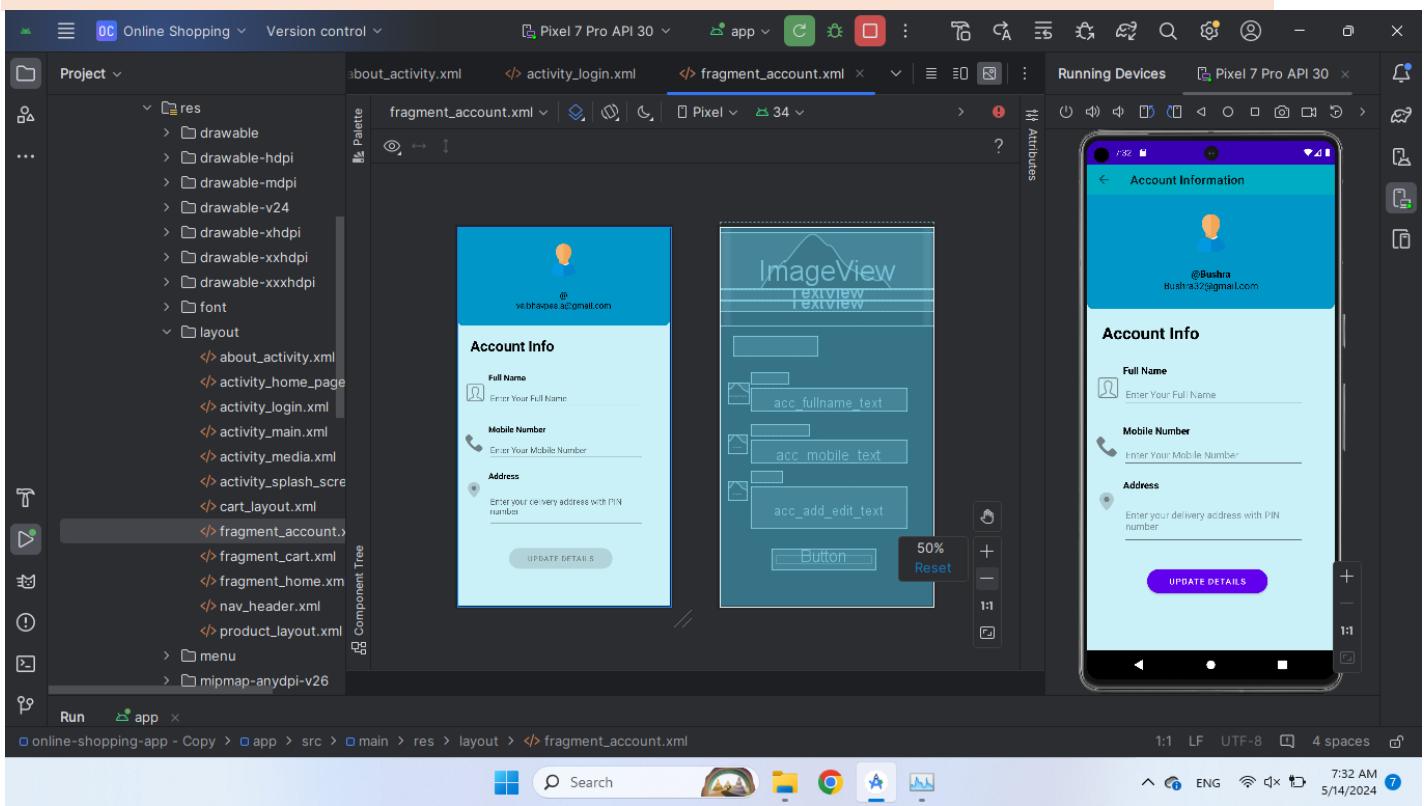
    <TextView

        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginLeft="50dp"
        android:layout_marginTop="130dp"
        android:fontFamily="@font/actor"
        android:text="Total Cart Value"
        android:textColor="@color/black"
        android:textSize="18sp" />
    <TextView
        android:id="@+id/totCV"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginLeft="310dp"
        android:layout_marginTop="130dp"
        android:text="Rs. 0"
        android:fontFamily="@font/actor"
        android:textSize="18sp"
        android:textColor="@color/black"
        />

    <Button
        android:id="@+id/placeOrder"
        android:layout_width="150dp"
        android:layout_height="35dp"
        android:layout_marginStart="125dp"
        android:layout_marginTop="180dp"
        android:background="@drawable/button_shape"
        android:fontFamily="@font/actor"
        android:text="Place Order" />

    </RelativeLayout>
</FrameLayout>
```

## activity\_home\_page



```
<?xml version="1.0" encoding="utf-8"?>
<androidx.drawerlayout.widget.DrawerLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:id="@+id/drawerLayout"
    tools:openDrawer="start"
    tools:context=".HomePage">

    <RelativeLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content">

        <androidx.appcompat.widget.Toolbar
            android:id="@+id/toolbar"
            android:layout_width="match_parent"
            android:layout_height="50dp"
            android:background="@color/themeColor"
            android:textAlignment="center"
            android:titleTextColor="@color/cardview_light_background"
            app:title="Home">

            </androidx.appcompat.widget.Toolbar>

        <androidx.fragment.app.FragmentContainerView
            android:id="@+id/fragment_container"
            android:layout_width="match_parent"
            android:layout_height="match_parent">

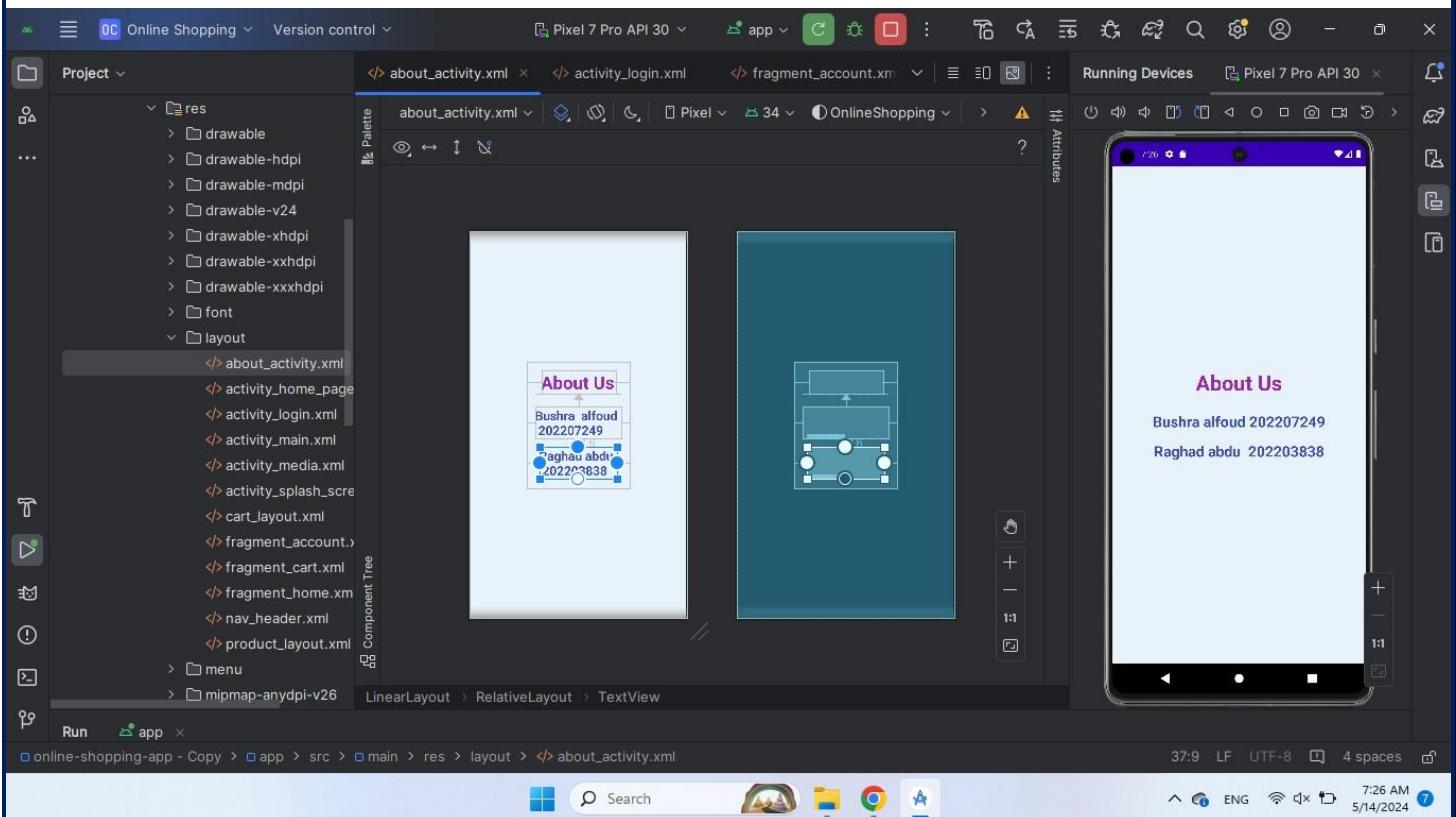
        </androidx.fragment.app.FragmentContainerView>
    </RelativeLayout>
</androidx.drawerlayout.widget.DrawerLayout>
```

```
        android:layout_marginTop="50dp" />
    </RelativeLayout>

    <com.google.android.material.navigation.NavigationView
        android:id="@+id/navMenu"
        android:layout_width="wrap_content"
        android:layout_height="match_parent"
        android:layout_gravity="start"
        app:headerLayout="@layout/nav_header"
        app:menu="@menu/activity_main_drawer" />

</androidx.drawerlayout.widget.DrawerLayout>
```

## Contact page



Online Shopping Version control Pixel 7 Pro API 30 app

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#E8F2FA"
    android:gravity="center"
    android:orientation="vertical">

    <RelativeLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:padding="16dp">

        <TextView
            android:id="@+id/textViewTitle"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_centerHorizontal="true"
            android:layout_marginBottom="24dp"
            android:text="About Us"
            android:textColor="#9C27B0"
            android:textColorHint="#9C27B0"
            android:textSize="34sp"
            android:textStyle="bold" />
    

```

About Us  
Bushra alfoud 202207249  
Raghad abdu 202203838

Run app

online-shopping-app - Copy app src main res layout about\_activity.xml

2:1 LF UTF-8 4 spaces

7:35 AM 5/14/2024

Online Shopping Version control Pixel 7 Pro API 30 app

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#E8F2FA"
    android:gravity="center"
    android:orientation="vertical">

    <RelativeLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:padding="16dp">

        <TextView
            android:id="@+id/textViewTitle"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_centerHorizontal="true"
            android:layout_below="@+id/textViewFayzah"
            android:text="Bushra alfoud \n 202207249"
            android:textColor="#3F51B5"
            android:textSize="24sp"
            android:textStyle="bold" />

        <TextView
            android:id="@+id/textViewFayzah"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_centerHorizontal="true"
            android:layout_below="@+id/textViewBashaer"
            android:layout_marginTop="16dp"
            android:text="Raghad abdu \n 202203838"
            android:textColor="#3F51B5"
            android:textSize="24sp"
            android:textStyle="bold" />
    

```

About Us  
Bushra alfoud 202207249  
Raghad abdu 202203838

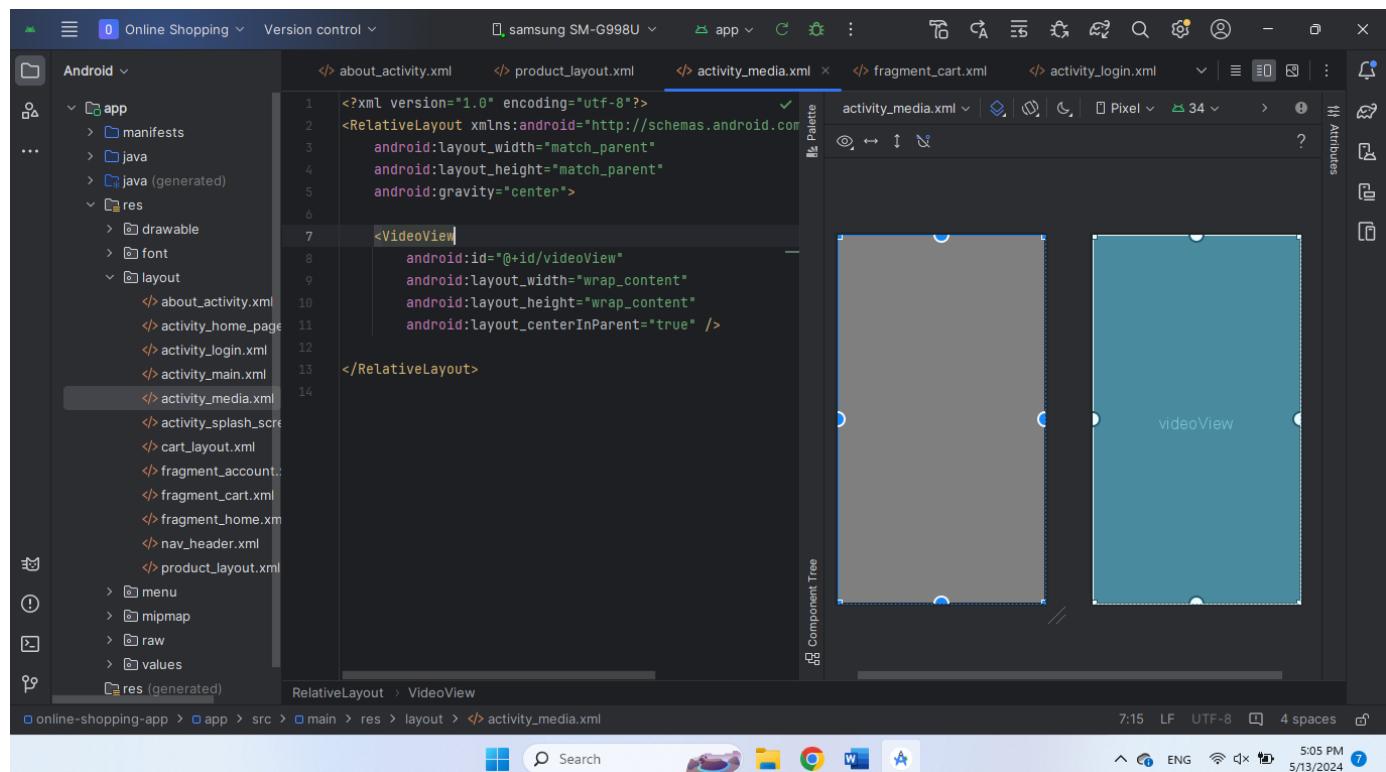
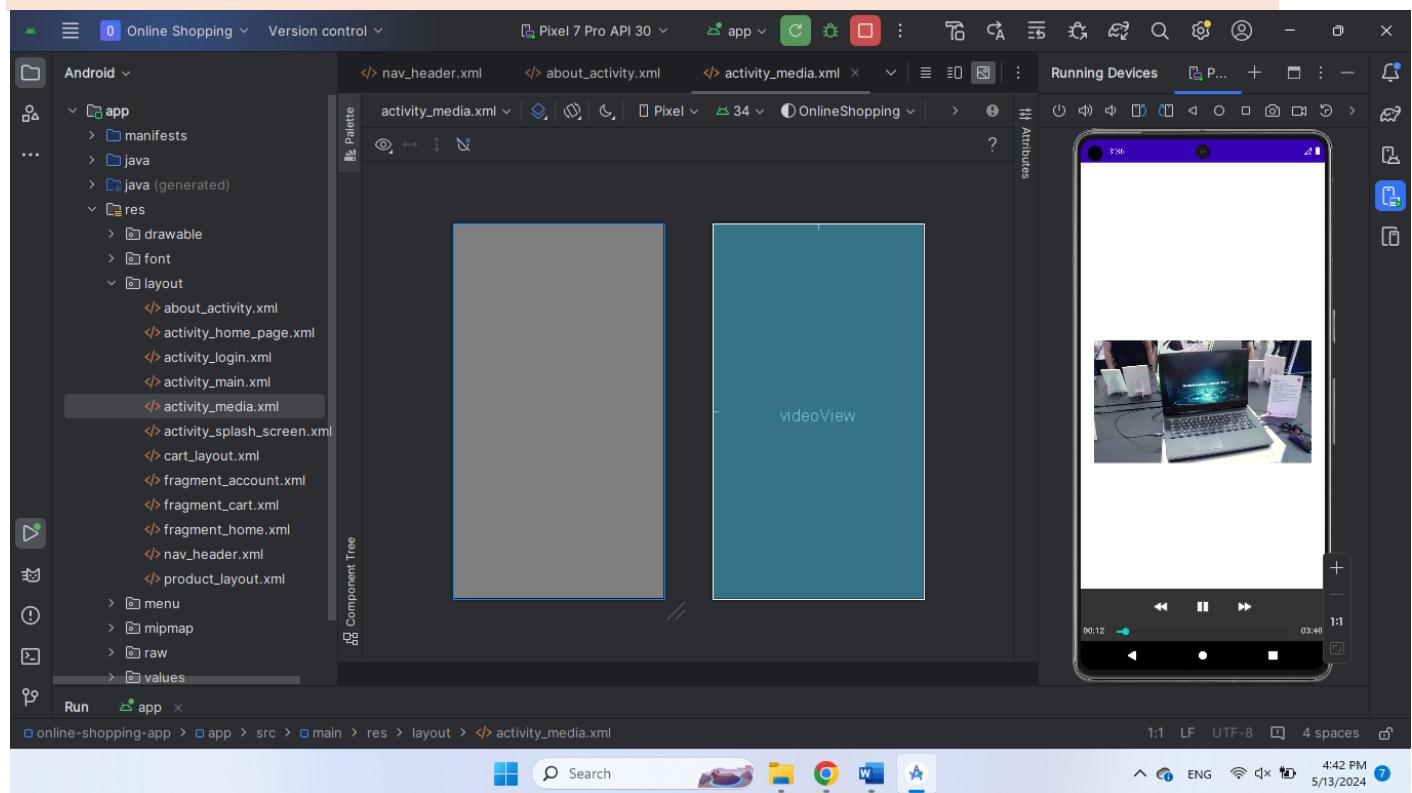
Run app

online-shopping-app - Copy app src main res layout about\_activity.xml

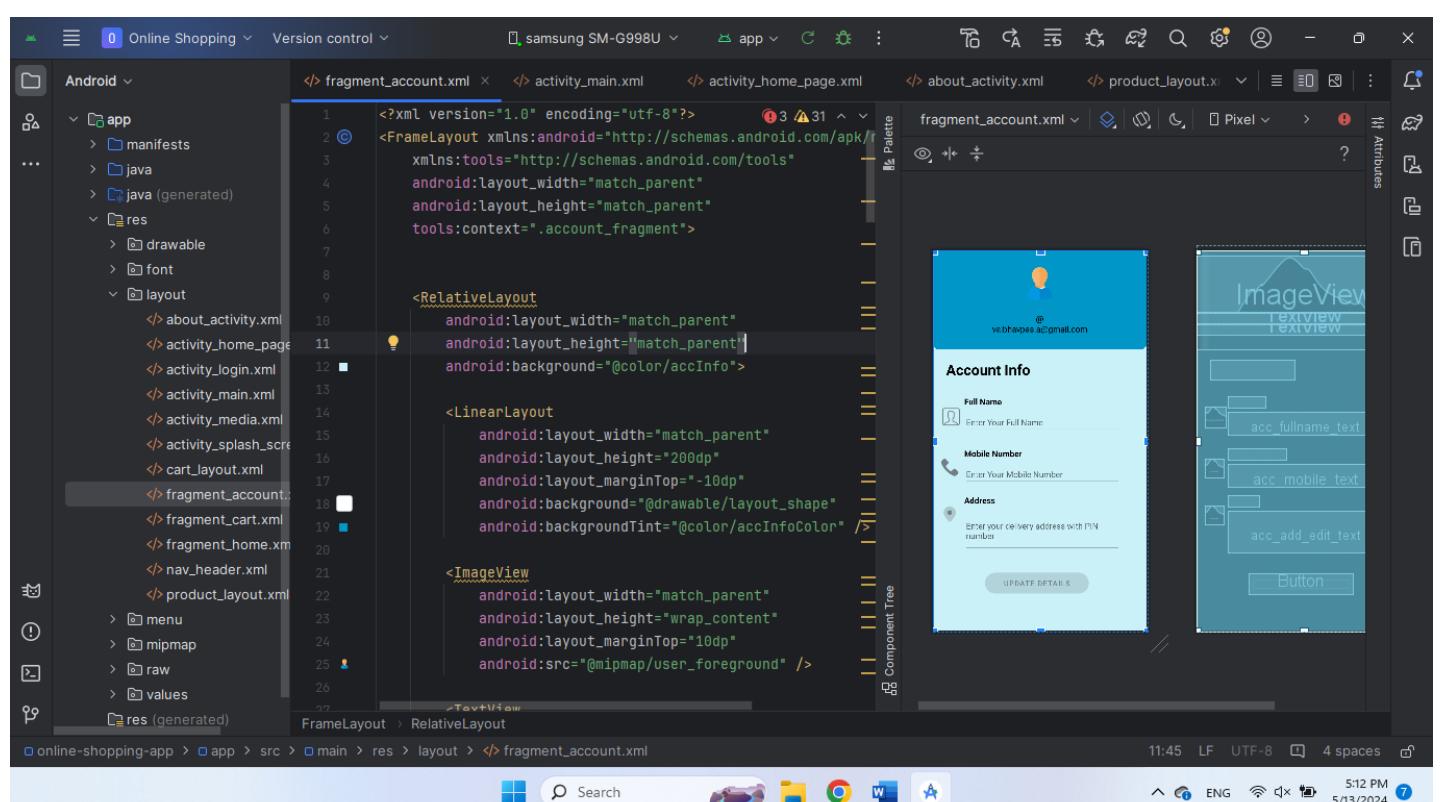
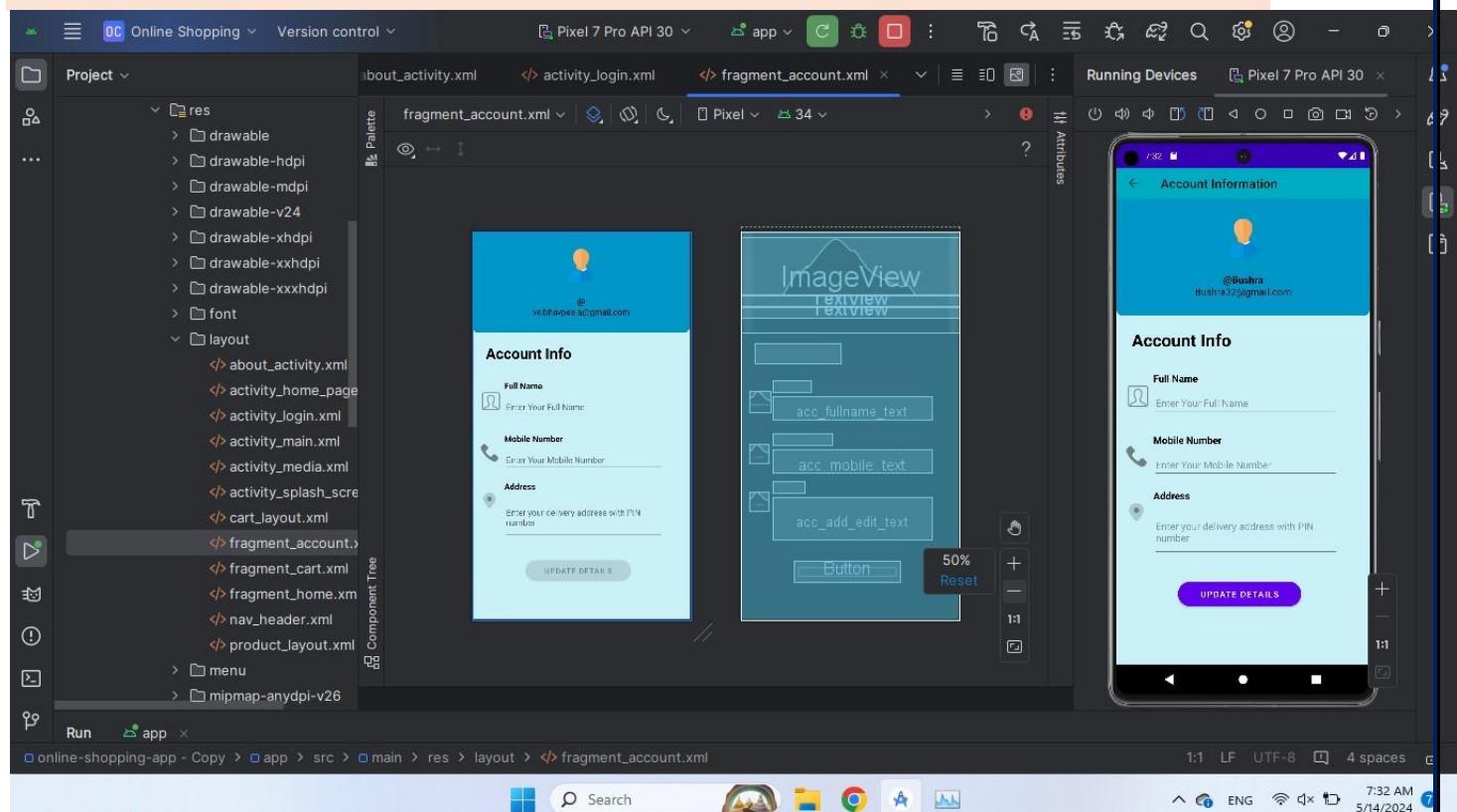
19:47 LF UTF-8 4 spaces

7:36 AM 5/14/2024

## Media page



## Account page:

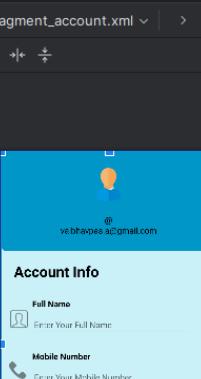


The screenshot shows the Android Studio interface with the following details:

- Project Structure:** The left sidebar shows the project structure under the `Android` tab, with the `layout` folder expanded to show files like `about_activity.xml`, `activity_main_page.xml`, `activity_login.xml`, etc.
- Code Editor:** The main editor pane displays the XML code for `fragment_account.xml`. The code includes several `TextView` elements with specific attributes such as gravity, text color, and size.
- Preview:** To the right of the code editor is the `Preview` window, which shows the visual representation of the fragment. It features a blue header bar with a user icon and email address. Below it is a section titled "Account Info" containing fields for "Full Name", "Mobile Number", and "Address". A large "UPDATE DETAILS" button is at the bottom.
- Component Tree:** A vertical panel on the right side lists the components used in the layout, such as `FrameLayout`, `RelativeLayout`, `ImageView`, `EditText`, and `Button`.
- Bottom Navigation:** The bottom navigation bar includes icons for back, forward, search, and other standard Android Studio functions.

```
fragment_account.xml  activity_main.xml  activity_home_page.xml  about_activity.xml  product_layout.xml
```

```
67 android:layout_height="wrap_content"
68 android:layout_marginLeft="60dp"
69 android:layout_marginTop="280dp"
70 android:text="Full Name"
71 android:textColor="@color/black"
72 android:textSize="16sp"
73 android:textStyle="bold" />
74
75 <EditText
76     android:id="@+id/acc_fullname_text"
77     android:layout_width="300dp"
78     android:layout_height="wrap_content"
79     android:layout_marginLeft="60dp"
80     android:layout_marginTop="310dp"
81     android:hint="Enter Your Full Name"
82     android:textColor="@color/black"
83     android:textSize="16sp"
84     android:enabled="false"
85     />
86
87 <ImageView
88     android:layout_width="35dp"
89     android:layout_height="35dp"
90     android:layout_marginStart="15dp"
91     android:layout_marginTop="400dp"
92     android:src="@drawable/ic_call" />
```



Online Shopping Version control Pixel 7 Pro API 30 app activity\_main.xml activity\_home\_page.xml about\_activity.xml product\_layout.xml

Android

app

res

layout

fragment\_account.xml

activity\_main.xml

activity\_home\_page.xml

about\_activity.xml

product\_layout.xml

nav\_header.xml

fragment\_cart.xml

fragment\_home.xml

activity\_login.xml

activity\_media.xml

activity\_splash\_screen.xml

cart\_layout.xml

fragment\_account.xml

fragment\_cart.xml

fragment\_home.xml

nav\_header.xml

product\_layout.xml

menu

mipmap

raw

values

res (generated)

fragment\_account.xml

FrameLayout

RelativeLayout

EditText

```
104
105    android:id="@+id/acc_mobile_text"
106    android:layout_width="300dp"
107    android:layout_height="wrap_content"
108    android:layout_marginLeft="60dp"
109    android:layout_marginTop="40dp"
110    android:hint="Enter Your Mobile Number"
111    android:textColor="@color/black"
112    android:textSize="16sp"
113    android:enabled="false"/>
```

ImageView

```
117
118    android:layout_width="35dp"
119    android:layout_height="35dp"
120    android:layout_marginStart="15dp"
121    android:layout_marginTop="490dp"
122    android:src="@drawable/ic_loc" />
```

TextView

```
125
126    android:layout_width="wrap_content"
127    android:layout_height="wrap_content"
128    android:layout_marginLeft="60dp"
129    android:layout_marginTop="470dp"
130    android:text="Address"
131    android:textColor="@color/black"
```

Component Tree

86:1 LF UTF-8 4 spaces

5:15 PM 5/13/2024

fragment\_account.xml

Online Shopping Version control Pixel 7 Pro API 30 app activity\_main.xml activity\_home\_page.xml about\_activity.xml product\_layout.xml

Android

app

res

layout

fragment\_account.xml

activity\_main.xml

activity\_home\_page.xml

about\_activity.xml

product\_layout.xml

nav\_header.xml

fragment\_cart.xml

fragment\_home.xml

activity\_login.xml

activity\_media.xml

activity\_splash\_screen.xml

cart\_layout.xml

fragment\_account.xml

fragment\_cart.xml

fragment\_home.xml

nav\_header.xml

product\_layout.xml

menu

mipmap

raw

values

res (generated)

fragment\_account.xml

FrameLayout

RelativeLayout

TextView

```
137    android:layout_height="wrap_content"
138    android:layout_marginLeft="60dp"
139    android:layout_marginTop="500dp"
140    android:lines="3"
141    android:hint="Enter your delivery address with PIN number"
142    android:textColor="@color/black"
143    android:textSize="16sp"
144    android:enabled="false"/>
```

Button

```
152    android:id="@+id/updateBtn"
153    android:layout_width="200dp"
154    android:layout_height="40dp"
155    android:layout_marginLeft="100dp"
156    android:layout_marginTop="620dp"
157    android:background="@drawable/button_shape"
158    android:enabled="false"
159    android:text="Update Details" />
```

</RelativeLayout>

</FrameLayout>

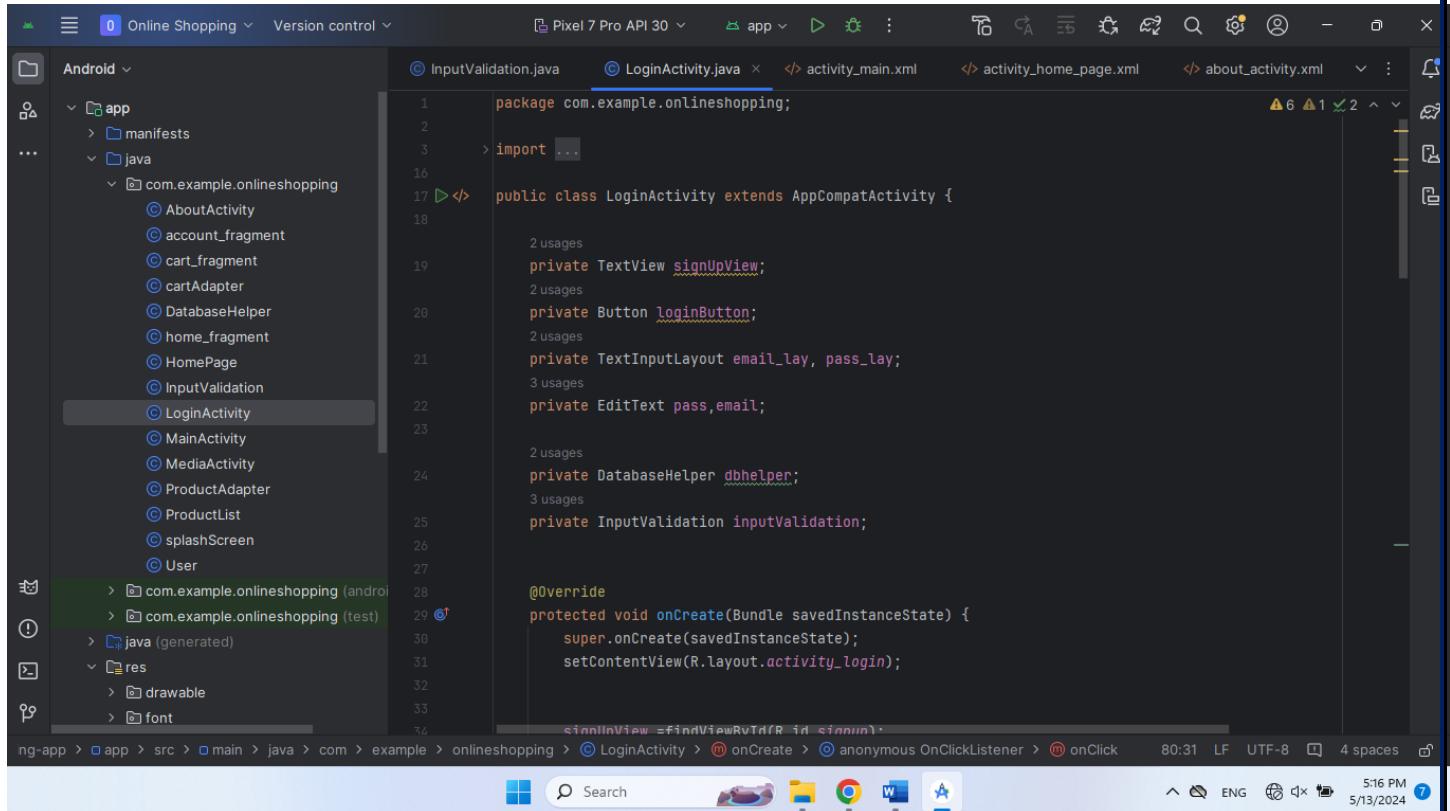
Component Tree

125:48 LF UTF-8 4 spaces

5:15 PM 5/13/2024

# Java

## Login:



The screenshot shows the Android Studio interface with the following details:

- Project Structure:** The left sidebar shows the project structure under "Android". The "app" module contains "manifests", "java", and "res" directories. The "java" directory contains classes like AboutActivity, account\_fragment, cart\_fragment, cartAdapter, DatabaseHelper, home\_fragment, HomePage, InputValidation, LoginActivity (which is selected), MainActivity, MediaActivity, ProductAdapter, ProductList, splashScreen, and User.
- Code Editor:** The main editor window displays the Java code for `LoginActivity.java`. The code initializes views and sets up an `onCreate` method to set the content view to `R.layout.activity_login`.
- Toolbars and Status Bar:** The top bar includes tabs for `InputValidation.java`, `LoginActivity.java`, `activity_main.xml`, `activity_home_page.xml`, and `about_activity.xml`. The bottom status bar shows the file path, line numbers (80:31), and system information (5:16 PM, 5/13/2024).

The screenshot shows the Android Studio interface with the project navigation bar on the left and the code editor on the right. The code editor displays the `LoginActivity.java` file, which contains Java code for handling user login. The code includes imports for `InputValidation`, `View.OnClickListener`, and `Toast.makeText`. It sets up an `onClick` listener for a button, performs validation on email and password fields, and attempts to validate the user against a database helper. If successful, it starts an intent to the `HomePage`; if not, it shows an error message.

```
66     }
67 }
68
69
70     loginButton.setOnClickListener(new View.OnClickListener() {
71         @Override
72         public void onClick(View view) {
73             String sqlPassword="";
74             if(!inputValidation.validateEmail(email,email_lay, errorMessage: "Enter Valid Email"))
75                 return;
76             if(!inputValidation.validatePassword(pass,pass_lay, errorMessage: "Enter Valid Password"))
77                 return;
78             try{
79                 sqlPassword = dbhelper.validateUser(email.getText().toString().trim());
80             }
81             catch(Exception e){
82                 Toast.makeText( context: LoginActivity.this, e.getMessage(), Toast.LENGTH_SHORT).show();
83             }
84
85             if(sqlPassword.equals(pass.getText().toString().trim()))
86             {
87                 Toast.makeText( context: LoginActivity.this, text: "Login Successful", Toast.LENGTH_SHORT).show();
88                 Intent i = new Intent( packageContext: LoginActivity.this, HomePage.class);
89                 i.putExtra( name: "Email" ,email.getText().toString().trim());
90                 startActivity(i);
91                 finish();
92             }
93             else{
94                 Toast.makeText( context: LoginActivity.this, text: "Invalid Email Id or Password!", Toast.LENGTH_SHORT).show();
95             }
96         }
97     }
98 }
```

## MainActivity

The screenshot shows the Android Studio interface with the project navigation bar on the left and the code editor on the right. The code editor displays the `MainActivity.java` file, which extends `AppCompatActivity`. The code initializes various UI components like `Button`, `InputValidation`, and `EditText` for logging in. It also initializes a `User` object and a `DatabaseHelper` object named `dbhelper`. The `onCreate` method is overridden to set the content view and initialize the `user` object.

```
1 package com.example.onlineshopping;
2
3 > import ...
4
5 <><> public class MainActivity extends AppCompatActivity {
6
7     2 usages
8     private Button reg;
9     5 usages
10    private InputValidation iv;
11    2 usages
12    private TextInputLayout email,name,pass,cpass;
13    5 usages
14    private EditText ETemail,ETname,ETpass,ETcpass;
15    5 usages
16    private User user;
17    3 usages
18    private DatabaseHelper dbhelper;
19    2 usages
20    private TextView al_account;
21
22    @Override
23    protected void onCreate(Bundle savedInstanceState) {
24        super.onCreate(savedInstanceState);
25        setContentView(R.layout.activity_main);
26
27        user = new User();
28        dbhelper = new DatabaseHelper( context: MainActivity.this);
29
30    }
31 }
```

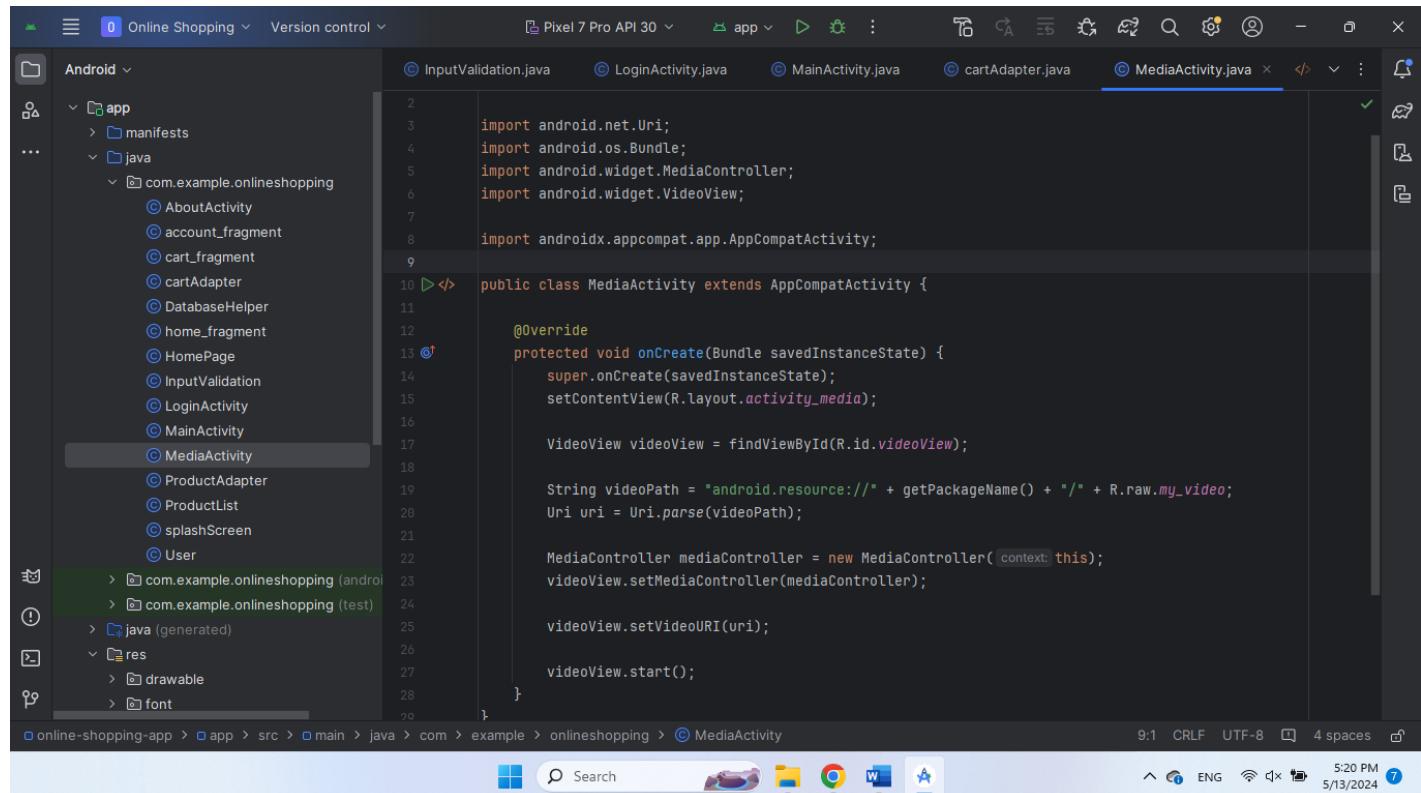
The screenshot shows the Android Studio interface with the project 'Online Shopping' open. The code editor displays the `MainActivity.java` file. The code handles user input validation and database operations. It includes logic for validating user name, email, and password, and for checking if a user already exists in the database. If successful, it starts the LoginActivity; if not, it shows an error message.

```
49     @Override
50     public void onClick(View view) {
51         if(!iv.validateUsername(ETname,name, errorMessage: "Enter a valid user name"))
52             return;
53         if(!iv.validateEmail(ETemail,email, errorMessage: "Enter Valid Email"))
54             return;
55         if(!iv.validatePassword(ETpass,pass, errorMessage: "Enter Valid Password"))
56             return;
57         if(liv.confirmPassword(ETpass, ETcpass, cpss, errorMessage: "Password doesn't Match")){
58             return;
59         }
60         if(!dbhelper.checkUser(ETemail.getText().toString().trim())){
61             user.setUsername(ETname.getText().toString().trim());
62             user.setPassword(ETpass.getText().toString().trim());
63             user.setEmail(ETemail.getText().toString().trim());
64             dbhelper.addUser(user);
65             Toast.makeText(context: MainActivity.this, text: "Registration Successful", Toast.LENGTH_SHORT)
66             emptyTextFields();
67
68             Intent in = new Intent(packageContext: MainActivity.this, LoginActivity.class);
69             startActivity(in);
70             finish();
71         } else
72             Toast.makeText(context: MainActivity.this, text: "User Already Exists!", Toast.LENGTH_SHORT)
73         });
74     });
75
76
77
78
79     al_account.setOnClickListener(new View.OnClickListener() {
80         @Override
81         public void onClick(View v) {
82             Intent in = new Intent(packageContext: MainActivity.this, LoginActivity.class);
83             startActivity(in);
84             finish();
85         }
86     });
87
88     private void emptyTextFields() {
89         ETemail.setText("");
90         ETpass.setText("");
91         ETcpass.setText("");
92         ETname.setText("");
93     }
94 }
```

The screenshot shows the Android Studio interface with the project 'Online Shopping' open. The code editor displays the `MainActivity.java` file. The code handles user input validation and database operations. It includes logic for validating user name, email, and password, and for checking if a user already exists in the database. If successful, it starts the LoginActivity; if not, it shows an error message.

```
75     });
76
77
78
79     al_account.setOnClickListener(new View.OnClickListener() {
80         @Override
81         public void onClick(View v) {
82             Intent in = new Intent(packageContext: MainActivity.this, LoginActivity.class);
83             startActivity(in);
84             finish();
85         }
86     });
87
88     private void emptyTextFields() {
89         ETemail.setText("");
90         ETpass.setText("");
91         ETcpass.setText("");
92         ETname.setText("");
93     }
94 }
```

## MediaActivity



The screenshot shows the Android Studio interface with the project navigation bar at the top. The selected file is `MediaActivity.java` under the `com.example.onlineshopping` package. The code implements a `MediaController` for a `VideoView` to play a local video resource.

```
import android.net.Uri;
import android.os.Bundle;
import android.widget.MediaController;
import android.widget.VideoView;

import androidx.appcompat.app.AppCompatActivity;

public class MediaActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_media);

        VideoView videoView = findViewById(R.id.videoView);

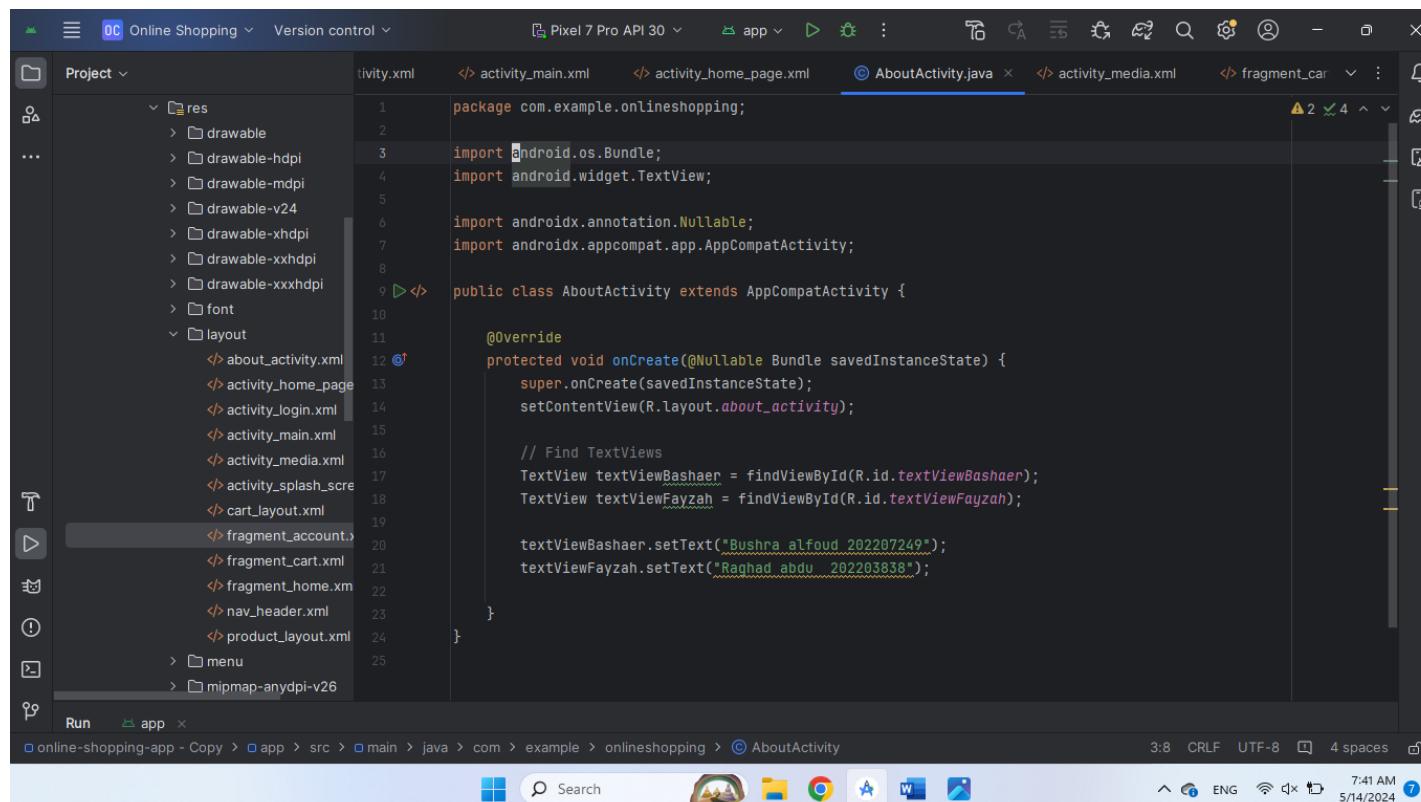
        String videoPath = "android.resource://" + getPackageName() + "/" + R.raw.my_video;
        Uri uri = Uri.parse(videoPath);

        MediaController mediaController = new MediaController(this);
        videoView.setMediaController(mediaController);
        videoView.setVideoURI(uri);

        videoView.start();
    }
}
```

The bottom status bar shows the current time as 5:20 PM on 5/13/2024.

## AboutActivity



The screenshot shows the Android Studio interface with the project navigation bar at the top. The selected file is `AboutActivity.java`. This activity displays two text views with names and dates.

```
package com.example.onlineshopping;

import android.os.Bundle;
import android.widget.TextView;

import androidx.annotation.Nullable;
import androidx.appcompat.app.AppCompatActivity;

public class AboutActivity extends AppCompatActivity {

    @Override
    protected void onCreate(@Nullable Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.about_activity);

        // Find TextViews
        TextView textViewBashaer = findViewById(R.id.textViewBashaer);
        TextView textViewFayzah = findViewById(R.id.textViewFayzah);

        textViewBashaer.setText("Bushra alfoud 202207249");
        textViewFayzah.setText("Raghad abdu 202203838");
    }
}
```

The bottom status bar shows the current time as 7:41 AM on 5/14/2024.

**THE END!**