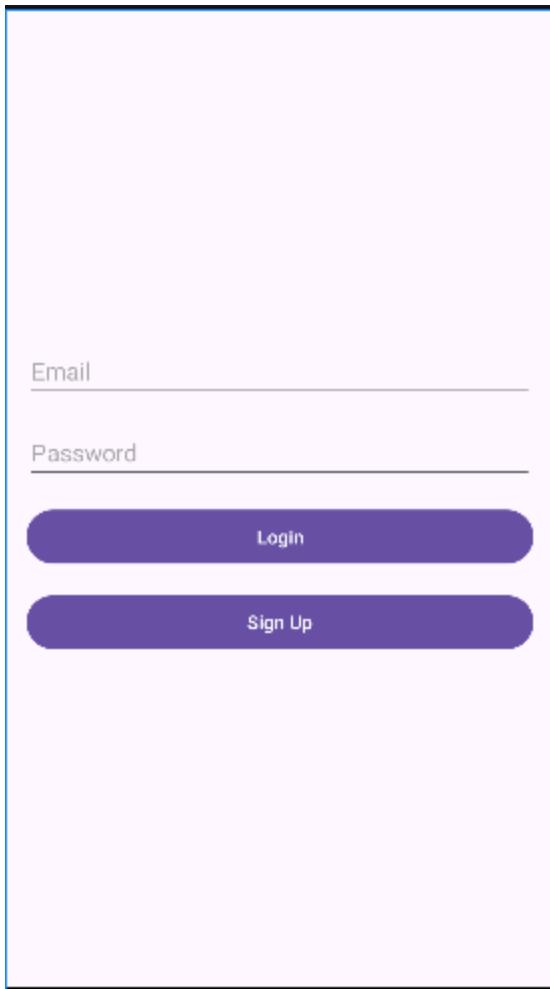


ONLINE BOOK STORE

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Main Activity

XML	JAVA
<pre><?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:orientation="vertical" android:gravity="center" android:padding="16dp"> <EditText android:id="@+id/username" android:layout_width="match_parent" android:layout_height="wrap_content" android:hint="Email" android:inputType="textEmailAddress" android:layout_marginBottom="16dp"/></pre>	<pre>package com.example.bookstoreproject; import android.content.Intent; import android.os.Bundle; import android.view.View; import android.widget.Button; import androidx.appcompat.app.AppCompatActivity; public class MainActivity extends AppCompatActivity { @Override protected void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState);</pre>

```
<EditText  
    android:id="@+id/password"  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"  
    android:hint="Password"  
    android:inputType="textPassword"  
    android:layout_marginBottom="16dp"/>  
  
<Button  
    android:id="@+id/loginButton"  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"  
    android:text="Login"  
    android:layout_marginBottom="16dp"/>  
  
<Button  
    android:id="@+id/signupButton"  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"  
    android:text="Sign Up" />  
</LinearLayout>
```

```
setContentView(R.layout.activity_main);  
  
    Button loginButton =  
        findViewById(R.id.loginButton);  
    Button registerButton =  
        findViewById(R.id.signupButton);  
  
    loginButton.setOnClickListener(new  
        View.OnClickListener() {  
        @Override  
        public void onClick(View v) {  
            Intent intent = new  
                Intent(MainActivity.this,  
                    CategoriesActivity.class);  
            startActivity(intent);  
        }  
    });  
  
    registerButton.setOnClickListener(new  
        View.OnClickListener() {  
        @Override  
        public void onClick(View v) {  
            Intent intent = new  
                Intent(MainActivity.this,  
                    SignupActivity.class);  
            startActivity(intent);  
        }  
    });  
}
```

MainActivity.XML

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
3     android:layout_width="match_parent"
4     android:layout_height="match_parent"
5     android:orientation="vertical"
6     android:gravity="center"
7     android:padding="16dp">
8
9     <EditText
10         android:id="@+id/username"
11         android:layout_width="match_parent"
12         android:layout_height="wrap_content"
13         android:hint="Email"
14         android:inputType="textEmailAddress"
15         android:layout_marginBottom="16dp"/>
16
17     <EditText
18         android:id="@+id/password"
19         android:layout_width="match_parent"
20         android:layout_height="wrap_content"
21         android:hint="Password"
22         android:inputType="textPassword"
23         android:layout_marginBottom="16dp"/>
24
25     <Button
26         android:id="@+id/loginButton"
27         android:layout_width="match_parent"
28         android:layout_height="wrap_content"
29         android:text="Login"
30         android:layout_marginBottom="16dp"/>
31
32     <Button
33         android:id="@+id/signupButton"
34         android:layout_width="match_parent"
35         android:layout_height="wrap_content"
36         android:text="Sign Up" />
37 </LinearLayout>
```



```
MainActivity.java

1 package com.example.bookstoreproject;
2
3 import android.content.Intent;
4 import android.os.Bundle;
5 import android.view.View;
6 import android.widget.Button;
7 import androidx.appcompat.app.AppCompatActivity;
8
9 public class MainActivity extends AppCompatActivity {
10     @Override
11     protected void onCreate(Bundle savedInstanceState) {
12         super.onCreate(savedInstanceState);
13         setContentView(R.layout.activity_main);
14
15         Button loginButton = findViewById(R.id.loginButton);
16         Button registerButton = findViewById(R.id.signupButton);
17
18         loginButton.setOnClickListener(new View.OnClickListener() {
19             @Override
20             public void onClick(View v) {
21                 Intent intent = new Intent(MainActivity.this, CategoriesActivity.class);
22                 startActivity(intent);
23             }
24         });
25
26         registerButton.setOnClickListener(new View.OnClickListener() {
27             @Override
28             public void onClick(View v) {
29                 Intent intent = new Intent(MainActivity.this, SignupActivity.class);
30                 startActivity(intent);
31             }
32         });
33     }
34 }
```

Main Activity Declaration

```
java
public class MainActivity extends AppCompatActivity {
```

onCreate() Method

java

Copy Edit

```
@Override  
protected void onCreate(Bundle savedInstanceState) { // Called when the activity is created.  
    super.onCreate(savedInstanceState); // Call to the superclass method.  
    setContentView(R.layout.activity_main); // Set the layout for this activity.
```

Set Login Button Click Listener

java

Copy Edit

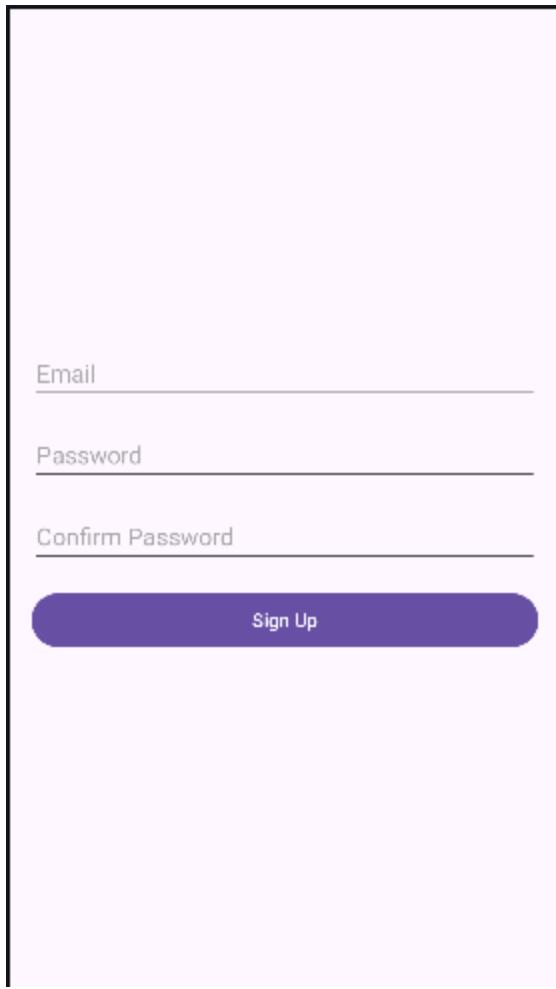
```
loginButton.setOnClickListener(new View.OnClickListener() {  
    @Override  
    public void onClick(View v) { // Called when the login button is clicked.  
        // Start the CategoriesActivity.  
        Intent intent = new Intent(MainActivity.this, CategoriesActivity.class);  
        startActivity(intent);  
    }  
});
```

Set Register Button Click Listener

java

Copy Edit

```
registerButton.setOnClickListener(new View.OnClickListener() {  
    @Override  
    public void onClick(View v) { // Called when the register button is clicked.  
        // Start the SignupActivity.  
        Intent intent = new Intent(MainActivity.this, SignupActivity.class);  
        startActivity(intent);  
    }  
});
```



Sign Up Activity

XML	JAVA
<pre>package com.example.bookstoreproject; import android.content.Intent; import android.os.Bundle; import android.view.View; import android.widget.Button; import android.widget.EditText; import android.widget.Toast; import androidx.appcompat.app.AppCompatActivity; public class SignupActivity extends AppCompatActivity{</pre> <pre> private EditText username, password, confirmPassword; private Button signupButton;</pre>	

```
@Override
protected void onCreate(Bundle savedInstanceState){
    super.onCreate(savedInstanceState);

    setContentView(R.layout.activity_signup);

    username =
findViewById(R.id.username);
    password = findViewById(R.id.password);
    confirmPassword =
findViewById(R.id.confirmPassword);
    signupButton =
findViewById(R.id.signupButton);

    signupButton.setOnClickListener(new
View.OnClickListener() {
        @Override
        public void onClick(View v) {
            String email =
username.getText().toString().trim();
            String pass =
password.getText().toString().trim();
            String confirmPass =
confirmPassword.getText().toString().trim();

            if (email.isEmpty() || pass.isEmpty()
|| confirmPass.isEmpty()) {

                Toast.makeText(SignupActivity.this, "Please
fill all fields", Toast.LENGTH_SHORT).show();
            } else if (!pass.equals(confirmPass)) {

                Toast.makeText(SignupActivity.this,
"Passwords do not match",
Toast.LENGTH_SHORT).show();
            } else {
                // Simulate a successful signup

                Toast.makeText(SignupActivity.this, "Signup
Successful", Toast.LENGTH_SHORT).show();
                Intent intent = new
Intent(SignupActivity.this,
CategoriesActivity.class);
                startActivity(intent);
                finish();
            }
        }
    });
}
```

```
    });
}
}
```

The screenshot shows a code editor window with the title "SignUpActivity.XML". The code is an XML layout definition for an Android application. It consists of a main `<LinearLayout>` with a vertical orientation, containing three `<EditText>` fields for username, password, and confirmation, followed by a `<Button>` for sign-up.

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
3     android:layout_width="match_parent"
4     android:layout_height="match_parent"
5     android:orientation="vertical"
6     android:gravity="center"
7     android:padding="16dp">
8
9     <EditText
10        android:id="@+id/username"
11        android:layout_width="match_parent"
12        android:layout_height="wrap_content"
13        android:hint="Email"
14        android:inputType="textEmailAddress"
15        android:layout_marginBottom="16dp"/>
16
17     <EditText
18        android:id="@+id/password"
19        android:layout_width="match_parent"
20        android:layout_height="wrap_content"
21        android:hint="Password"
22        android:inputType="textPassword"
23        android:layout_marginBottom="16dp"/>
24
25     <EditText
26        android:id="@+id/confirmPassword"
27        android:layout_width="match_parent"
28        android:layout_height="wrap_content"
29        android:hint="Confirm Password"
30        android:inputType="textPassword"
31        android:layout_marginBottom="16dp"/>
32
33     <Button
34        android:id="@+id/signupButton"
35        android:layout_width="match_parent"
36        android:layout_height="wrap_content"
37        android:text="Sign Up" />
38 </LinearLayout>
```

```

  ● ● ●
                                                    SignUpActivity.java

1 package com.example.bookstoreproject;
2
3 import android.content.Intent;
4 import android.os.Bundle;
5 import android.view.View;
6 import android.widget.Button;
7 import android.widget.EditText;
8 import android.widget.Toast;
9 import androidx.appcompat.app.AppCompatActivity;
10
11 public class SignupActivity extends AppCompatActivity {
12
13     private EditText username, password, confirmPassword;
14     private Button signupButton;
15
16     @Override
17     protected void onCreate(Bundle savedInstanceState) {
18         super.onCreate(savedInstanceState);
19         setContentView(R.layout.activity_signup);
20
21         username = findViewById(R.id.username);
22         password = findViewById(R.id.password);
23         confirmPassword = findViewById(R.id.confirmPassword);
24         signupButton = findViewById(R.id.signupButton);
25
26         signupButton.setOnClickListener(new View.OnClickListener() {
27             @Override
28             public void onClick(View v) {
29                 String email = username.getText().toString().trim();
30                 String pass = password.getText().toString().trim();
31                 String confirmPass = confirmPassword.getText().toString().trim();
32
33                 if (email.isEmpty() || pass.isEmpty() || confirmPass.isEmpty()) {
34                     Toast.makeText(SignupActivity.this, "Please fill all fields",
35                         Toast.LENGTH_SHORT).show();
36                 } else if (!pass.equals(confirmPass)) {
37                     Toast.makeText(SignupActivity.this, "Passwords do not match",
38                         Toast.LENGTH_SHORT).show();
39                 } else {
40                     // Simulate a successful signup
41                     Toast.makeText(SignupActivity.this, "Signup Successful",
42                         Toast.LENGTH_SHORT).show();
43                     Intent intent = new Intent(SignupActivity.this, CategoriesActivity.class);
44                     startActivity(intent);
45                     finish();
46                 }
47             }
48         });
49     }
50 }

```

Categories Activity

XML	JAVA
<?xml version="1.0" encoding="utf-8"?> <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android">	package com.example.bookstoreproject; import android.content.Intent; import android.os.Bundle;

<pre> xmlns:app="http://schemas.android.com/apk/res-auto" xmlns:tools="http://schemas.android.com/tools" android:id="@+id/main" android:layout_width="match_parent" android:layout_height="match_parent" tools:context=".CategoriesActivity" <ListView android:id="@+id/listView" android:layout_width="match_parent" android:layout_height="match_parent" android:cacheColorHint="#FFFFFF" app:layout_constraintBottom_toBottomOf="parent" app:layout_constraintEnd_toEndOf="parent" app:layout_constraintStart_toStartOf="parent" /> </androidx.constraintlayout.widget.ConstraintLayout> </pre>	<pre> import android.view.View; import android.widget.AdapterView; import android.widget.ArrayAdapter; import android.widget.ListView; import androidx.appcompat.app.AppCompatActivity; import java.util.ArrayList; import java.util.List; public class CategoriesActivity extends AppCompatActivity { @Override protected void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState); setContentView(R.layout.activity_categories); // List of categories List<String> list = new ArrayList<>(); list.add("Islamic"); list.add("History"); list.add("Fantasy"); list.add("Travel"); list.add("Horror"); list.add("Thriller"); list.add("Health & Fitness"); list.add("Romance"); list.add("Mystery"); list.add("Children's Books"); list.add("Cooking"); list.add("Technology"); list.add("Sports"); list.add("Fiction"); list.add("Non-Fiction"); list.add("Politics"); list.add("Music"); list.add("Spirituality"); list.add("Drama"); list.add("Humor"); list.add("Crime"); list.add("Economics"); list.add("Animals & Nature"); } } </pre>
--	--

```
// Get the ListView
ListView listView =
findViewById(R.id.listView);

// Create an ArrayAdapter
ArrayAdapter<String> arrayAdapter
= new ArrayAdapter<>(
    getApplicationContext(),
    android.R.layout.simple_list_item_1,
    list
);

// Set the adapter to the ListView
listView.setAdapter(arrayAdapter);

// Set an item click listener for the
// ListView
listView.setOnItemClickListener(new
AdapterView.OnItemClickListener() {
    @Override
    public void
onItemClick(AdapterView<?> parent,
View view, int position, long id) {
        if (position == 0) {
            // Clicked Islamic
            startActivity(new
Intent(CategoriesActivity.this,
Islamic.class));
        } else if (position == 1) {
            // Clicked History
            startActivity(new
Intent(CategoriesActivity.this,
History.class));
        }
        else if (position == 2) {
            // Clicked Fantasy
            startActivity(new
Intent(CategoriesActivity.this,
Fantasy.class));
        }
    }
});
```

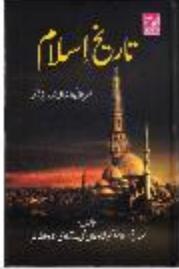
```
CategoriesActivity.xml

1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout
  xmlns:android="http://schemas.android.com/apk/res/android"
3   xmlns:app="http://schemas.android.com/apk/res-auto"
4   xmlns:tools="http://schemas.android.com/tools"
5   android:id="@+id/main"
6   android:layout_width="match_parent"
7   android:layout_height="match_parent"
8   tools:context=".CategoriesActivity">
9
10 <ListView
11   android:id="@+id/listView"
12   android:layout_width="match_parent"
13   android:layout_height="match_parent"
14   android:cacheColorHint="#FFFFFF"
15   app:layout_constraintBottom_toBottomOf="parent"
16   app:layout_constraintEnd_toEndOf="parent"
17   app:layout_constraintStart_toStartOf="parent" />
18
19 </androidx.constraintlayout.widget.ConstraintLayout>
20
```

```
CategoriesActivity.java

1 package com.example.bookstoreproject;
2
3 import android.content.Intent;
4 import android.os.Bundle;
5 import android.view.View;
6 import android.widget.AdapterView;
7 import android.widget.ArrayAdapter;
8 import android.widget.ListView;
9
10 import androidx.appcompat.app.AppCompatActivity;
11
12 import java.util.ArrayList;
13 import java.util.List;
14
15 public class CategoriesActivity extends AppCompatActivity {
16
17     @Override
18     protected void onCreate(Bundle savedInstanceState) {
19         super.onCreate(savedInstanceState);
20         setContentView(R.layout.activity_categories);
21
22         // List of categories
23         List<String> list = new ArrayList<>();
24         list.add("Islamic");
25         list.add("History");
26         list.add("Fantasy");
27         list.add("Travel");
28         list.add("Horror");
29         list.add("Thriller");
30         list.add("Health & Fitness");
31         list.add("Romance");
32         list.add("Mystery");
33         list.add("Children's Books");
34         list.add("Cooking");
35         list.add("Technology");
36         list.add("Sports");
37         list.add("Fiction");
38         list.add("Non-Fiction");
39         list.add("Politics");
40         list.add("Music");
41         list.add("Spirituality");
42         list.add("Drama");
43         list.add("Humor");
44         list.add("Crime");
45         list.add("Economics");
46         list.add("Animals & Nature");
47
48         // Get the ListView
49         ListView listView = findViewById(R.id.listView);
50
51         // Create an ArrayAdapter
52         ArrayAdapter<String> arrayAdapter = new ArrayAdapter<>(
53             getApplicationContext(),
54             android.R.layout.simple_list_item_1,
55             list
56         );
57
58         // Set the adapter to the ListView
59         listView.setAdapter(arrayAdapter);
60
61         // Set an item click listener for the ListView
62         listView.setOnItemClickListener(new AdapterView.OnItemClickListener() {
63             @Override
64             public void onItemClick(AdapterView<?> parent, View view, int position, long id) {
65                 if (position == 0) {
66                     // Clicked Islamic
67                     startActivity(new Intent(CategoriesActivity.this, Islamic.class));
68                 } else if (position == 1) {
69                     // Clicked History
70                     startActivity(new Intent(CategoriesActivity.this, History.class));
71                 }
72                 else if (position == 2) {
73                     // Clicked Fantasy
74                     startActivity(new Intent(CategoriesActivity.this, Fantasy.class));
75                 }
76             }
77         });
78     }
}
```

Islamic Books



[Home](#) / [Categories](#) / [Islamic Books](#)

Title
Tareek-E-Islam Akbar Shah Urdu Hasanat

Price
Rs.2,999 Only

Description
Tareekhe Islam Jild Awwal Wa Daum (Murakh Islam Akbar Shah Khan Najeeb Aabadi) Al Hasanat Urdu

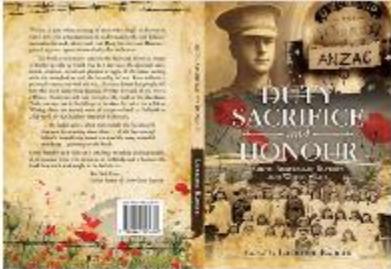
Language
Urdu

Publisher
Al Hasanat Books Pvt. Ltd.

Pages
992

[Add To Cart](#) [Checkout](#)

History Books



[Home](#) / [Categories](#) / [History Books](#)

Title
Tareek-E-Islam Akbar Shah Urdu Hasanat

Price
Rs.2,999 Only

Description
Tareekhe Islam Jild Awwal Wa Daum (Murakh Islam Akbar Shah Khan Najeeb Aabadi) Al Hasanat Urdu

Language
Urdu

Publisher
Al Hasanat Books Pvt. Ltd.

Pages
992

[Add To Cart](#) [Checkout](#)

Islamic Activity

XML	JAVA
<pre><?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="wrap_content" android:fillViewport="true" tools:context=".Islamic"></pre>	<pre>package com.example.bookstoreproject; import android.content.Intent; import android.os.Bundle; import android.view.View; import android.widget.Button; import androidx.activity.EdgeToEdge; import androidx.appcompat.app.AppCompatActivity; import androidx.core.graphics.Insets; import androidx.core.view.ViewCompat; import androidx.core.view.WindowInsetsCompat; public class Islamic extends AppCompatActivity { @Override</pre>

```
<LinearLayout
    android:id="@+id/main"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="vertical">

    <!-- Title -->
    <TextView
        android:id="@+id/detailName"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="14dp"
        android:layout_gravity="center"
        android:text="Islamic Books"
        android:textColor="@color/black"
        android:textSize="24sp"
        android:textStyle="bold" />

    <!--Basic Code Structure Start Here-->
    <!-- First Book Card -->
    <androidx.cardview.widget.CardView
        android:id="@+id/cardImage"
        android:layout_width="380dp"
        android:layout_height="200dp"
        android:layout_gravity="center"
        app:cardCornerRadius="20dp"
        app:cardElevation="8dp">

        <ImageView
            android:id="@+id/detaillImage"
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:src="@drawable/tareek_e_islam_akbar_shah_urdu_hasanat"
            android:scaleType="fitCenter" />

    </androidx.cardview.widget.CardView>

    <!-- Book Details -->
    <TextView
        android:id="@+id/detailBreadcrumb"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="10dp"
        android:text="Home / Categories /"
```

```
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    EdgeToEdge.enable(this);
    setContentView(R.layout.activity_islamic);

ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main), (v, insets) -> {
    Insets systemBars =
    insets.getInsets(WindowInsetsCompat.Type.systemBars());
    v.setPadding(systemBars.left, systemBars.top,
    systemBars.right, systemBars.bottom);
    return insets;
});

// Checkout button functionality
Button checkoutButton =
findViewById(R.id.checkoutButton);
checkoutButton.setOnClickListener(new
View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(Islamic.this,
PaymentActivity.class);
        startActivity(intent);
    }
});
```

```
Islamic Books"
    android:textColor="#454746"
    android:textSize="16sp" />

<TextView
    android:id="@+id/detailTitle"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="10dp"
    android:layout_marginTop="20dp"
    android:text="Title"

    android:textColor="@color/cardview_dark_b
ackground"
        android:textSize="18sp"
        android:textStyle="bold" />

<TextView
    android:id="@+id/detailDescription"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="10dp"
    android:text="Tareek-E-Islam Akbar
Shah Urdu Hasanat"
        android:textColor="@color/black"
        android:textSize="16sp" />

<TextView
    android:id="@+id/priceTitle"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="10dp"
    android:layout_marginTop="20dp"
    android:text="Price"

    android:textColor="@color/cardview_dark_b
ackground"
        android:textSize="18sp"
        android:textStyle="bold" />

<TextView
    android:id="@+id/detailPrice"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="10dp"
    android:text="Rs.2,999 Only"
    android:textColor="#FF061F"
    android:textSize="16sp"
```

```
        android:textStyle="bold" />

    <TextView
        android:id="@+id/descriptionTitle"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="10dp"
        android:layout_marginTop="20dp"
        android:text="Description"

        android:textColor="@color/cardview_dark_b
ackground"
        android:textSize="18sp"
        android:textStyle="bold" />

    <TextView

        android:id="@+id/detailBookDescription"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="10dp"
        android:text="Tareekhe Islam Jild
Awwal Wa Daum (Murakh Islam Akbar Shah
Khan Najeeb Aabadi) Al Hasanat Urdu"
        android:textColor="@color/black"
        android:textSize="16sp" />

    <TextView
        android:id="@+id/languageTitle"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="10dp"
        android:layout_marginTop="5dp"
        android:text="Language"

        android:textColor="@color/cardview_dark_b
ackground"
        android:textSize="18sp"
        android:textStyle="bold" />

    <TextView
        android:id="@+id/detailLanguage"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="10dp"
        android:text="Urdu"
        android:textColor="@color/black"
        android:textSize="16sp" />
```

```
<TextView
    android:id="@+id/publisherTitle"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="10dp"
    android:layout_marginTop="5dp"
    android:text="Publisher"

    android:textColor="@color/cardview_dark_b
ackground"
    android:textSize="18sp"
    android:textStyle="bold" />

<TextView
    android:id="@+id/detailPublisher"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="10dp"
    android:text="Al Hasanat Books Pvt.
Ltd."
    android:textColor="@color/black"
    android:textSize="16sp" />

<TextView
    android:id="@+id/pagesTitle"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="10dp"
    android:layout_marginTop="5dp"
    android:text="Pages"

    android:textColor="@color/cardview_dark_b
ackground"
    android:textSize="18sp"
    android:textStyle="bold" />

<TextView
    android:id="@+id/detailPages"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="10dp"
    android:text="992"
    android:textColor="@color/black"
    android:textSize="16sp" />

<!-- Buttons -->
<LinearLayout
```

```
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal"
        android:gravity="center"
        android:layout_marginTop="20dp">

        <Button
            android:id="@+id/addToCartButton"
            android:layout_width="0dp"
            android:layout_height="60dp"
            android:layout_weight="1"
            android:layout_marginEnd="10dp"
            android:text="Add To Cart"
            android:textColor="@color/white"
            android:textStyle="bold"
            android:backgroundTint="#673AB7"
        />

        <Button
            android:id="@+id/checkoutButton"
            android:layout_width="0dp"
            android:layout_height="60dp"
            android:layout_weight="1"
            android:layout_marginStart="10dp"
            android:text="Checkout"
            android:textColor="@color/white"
            android:textStyle="bold"
            android:backgroundTint="#673AB7"
        />
    </LinearLayout>

    <!--Basic Code Structure Start Here-->
    <!-- First Book Card -->
    <!-- Basic Code Structure Start Here -->
    <!-- First Book Card -->
    <androidx.cardview.widget.CardView
        android:id="@+id/bookCardView"
        android:layout_width="380dp"
        android:layout_height="200dp"
        android:layout_gravity="center"
        app:cardCornerRadius="20dp"
        app:cardElevation="8dp">

        <ImageView
            android:id="@+id/bookImage"

        android:layout_width="match_parent"
```

```
        android:layout_height="match_parent"
        android:src=
"@drawable/tareek_e_islam_akbar_shah_urdu_hasanat"
        android:scaleType="fitCenter" />
    </androidx.cardview.widget.CardView>

    <!-- Book Details -->
    <TextView
        android:id="@+id/breadcrumbText"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="10dp"
        android:text="Home / Categories /
Islamic Books"
        android:textColor="#454746"
        android:textSize="16sp" />

    <TextView
        android:id="@+id/bookTitleText"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="10dp"
        android:layout_marginTop="20dp"
        android:text="Title"

        android:textColor="@color/cardview_dark_background"
        android:textSize="18sp"
        android:textStyle="bold" />

    <TextView
        android:id="@+id/bookSubtitleText"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="10dp"
        android:text="Tareek-E-Islam Akbar
Shah Urdu Hasanat"
        android:textColor="@color/black"
        android:textSize="16sp" />

    <TextView
        android:id="@+id/priceLabel"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="10dp"
        android:layout_marginTop="20dp"
        android:text="Price"
```

```
        android:textColor="@color/cardview_dark_b
ackground"
            android:textSize="18sp"
            android:textStyle="bold" />

<TextView
    android:id="@+id/bookPriceText"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="10dp"
    android:text="Rs.2,999 Only"
    android:textColor="#FF061F"
    android:textSize="16sp"
    android:textStyle="bold" />

<TextView
    android:id="@+id/descriptionLabel"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="10dp"
    android:layout_marginTop="20dp"
    android:text="Description"

        android:textColor="@color/cardview_dark_b
ackground"
            android:textSize="18sp"
            android:textStyle="bold" />

<TextView

    android:id="@+id/bookDescriptionText"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="10dp"
    android:text="Tareekhe Islam Jild
Awwal Wa Daum (Murakh Islam Akbar Shah
Khan Najeeb Aabadi) Al Hasanat Urdu"
        android:textColor="@color/black"
        android:textSize="16sp" />

<TextView
    android:id="@+id/languageLabel"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="10dp"
    android:layout_marginTop="5dp"
    android:text="Language"
```

```
        android:textColor="@color/cardview_dark_b
ackground"
            android:textSize="18sp"
            android:textStyle="bold" />

<TextView
    android:id="@+id/bookLanguageText"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="10dp"
    android:text="Urdu"
    android:textColor="@color/black"
    android:textSize="16sp" />

<TextView
    android:id="@+id/publisherLabel"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="10dp"
    android:layout_marginTop="5dp"
    android:text="Publisher"

        android:textColor="@color/cardview_dark_b
ackground"
            android:textSize="18sp"
            android:textStyle="bold" />

<TextView
    android:id="@+id/bookPublisherText"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="10dp"
    android:text="Al Hasanat Books Pvt.
Ltd."
            android:textColor="@color/black"
            android:textSize="16sp" />

<TextView
    android:id="@+id/pagesLabel"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="10dp"
    android:layout_marginTop="5dp"
    android:text="Pages"

        android:textColor="@color/cardview_dark_b
ackground"
```

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

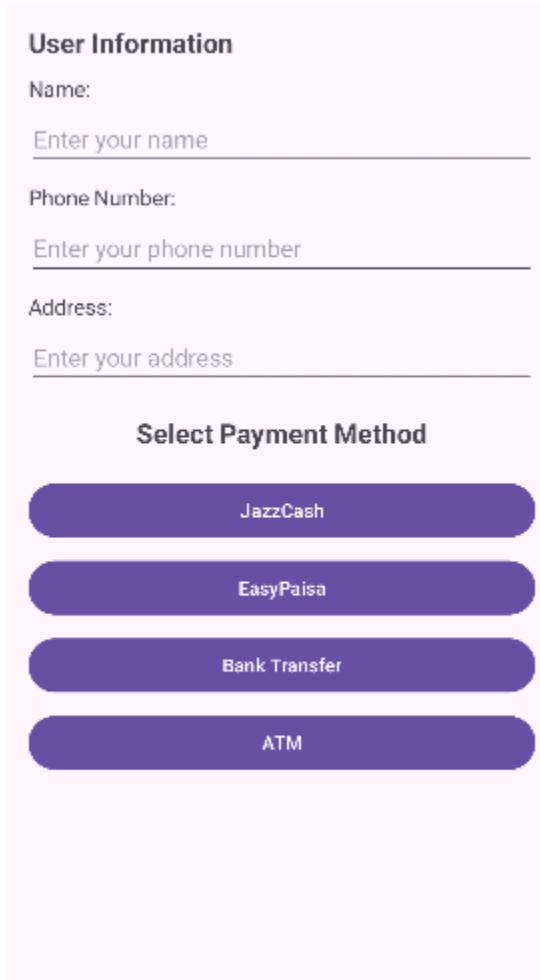
    <TextView
        android:id="@+id/bookPagesText"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="10dp"
        android:text="992"
        android:textColor="@color/black"
        android:textSize="16sp" />

    <!-- Buttons -->
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal"
        android:gravity="center"
        android:layout_marginTop="20dp">

        <Button
            android:id="@+id/addToCartBtn"
            android:layout_width="0dp"
            android:layout_height="60dp"
            android:layout_weight="1"
            android:layout_marginEnd="10dp"
            android:text="Add To Cart"
            android:textColor="@color/white"
            android:textStyle="bold"
            android:backgroundTint="#673AB7"
        />

        <Button
            android:id="@+id/checkoutButton"
            android:layout_width="0dp"
            android:layout_height="60dp"
            android:layout_weight="1"
            android:layout_marginStart="10dp"
            android:text="Checkout"
            android:textColor="@color/white"
            android:textStyle="bold"
            android:backgroundTint="#673AB7"
        />
    </LinearLayout>

</LinearLayout>
</ScrollView>
```



Payment Activity

XML	JAVA
<pre><?xml version="1.0" encoding="utf-8"?> <ScrollView xmlns:android="http://schemas.android.com/apk/res/android" android:layout_width="match_parent" android:layout_height="match_parent"> <LinearLayout android:layout_width="match_parent" android:layout_height="wrap_content" android:orientation="vertical" android:padding="16dp"></pre>	<pre>package com.example.bookstoreproject; import android.os.Bundle; import android.view.View; import android.widget.Button; import android.widget.EditText; import android.widget.Toast; import androidx.appcompat.app.AppCompatActivity; public class PaymentActivity extends AppCompatActivity</pre>

```

<!-- User Information Section -->
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="User Information"
    android:textSize="20sp"
    android:textStyle="bold"
    android:layout_marginBottom="10dp" />

<!-- Name Input -->
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Name:"
    android:layout_marginBottom="5dp"
    android:textSize="16sp" />

<EditText
    android:id="@+id/userName"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Enter your name"
    android:inputType="textPersonName"
    android:layout_marginBottom="10dp" />

<!-- Phone Number Input -->
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Phone Number:"
    android:layout_marginBottom="5dp"
    android:textSize="16sp" />

<EditText
    android:id="@+id/userPhone"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Enter your phone number"
    android:inputType="phone"
    android:layout_marginBottom="10dp" />

<!-- Address Input -->
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Address:"
    android:layout_marginBottom="5dp" />

```

```

AppCompatActivity {

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

        // Get references to input fields
        EditText userName =
        findViewById(R.id.userName);
        EditText userPhone =
        findViewById(R.id.userPhone);
        EditText userAddress =
        findViewById(R.id.userAddress);

        // Get references to buttons
        Button jazzCashButton =
        findViewById(R.id.jazzCashButton);
        Button easyPaisaButton =
        findViewById(R.id.easyPaisaButton);
        Button bankTransferButton =
        findViewById(R.id.bankTransferButton);
        Button atmButton =
        findViewById(R.id.atmButton);

        // Button click listeners
        jazzCashButton.setOnClickListener(view ->
        showToast("JazzCash", userName,
        userPhone, userAddress));

        easyPaisaButton.setOnClickListener(view ->
        showToast("EasyPaisa", userName,
        userPhone, userAddress));

        bankTransferButton.setOnClickListener(view ->
        showToast("Bank Transfer",
        userName, userPhone, userAddress));
        atmButton.setOnClickListener(view ->
        showToast("ATM", userName,
        userPhone, userAddress));
    }

    // Helper method to show toast
    message
}

```

```

        android:textSize="16sp" />

<EditText
    android:id="@+id/userAddress"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Enter your address"
    android:inputType="textPostalAddress"
    android:layout_marginBottom="20dp" />

<!-- Payment Method Section -->
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Select Payment Method"
    android:textSize="20sp"
    android:textStyle="bold"
    android:layout_gravity="center"
    android:layout_marginBottom="20dp" />

<!-- Buttons -->
<Button
    android:id="@+id/jazzCashButton"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="JazzCash"
    android:layout_marginBottom="10dp" />

<Button
    android:id="@+id/easyPaisaButton"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="EasyPaisa"
    android:layout_marginBottom="10dp" />

<Button
    android:id="@+id/bankTransferButton"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="Bank Transfer"
    android:layout_marginBottom="10dp" />

<Button
    android:id="@+id/atmButton"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="ATM" />

```

```

private void showToast(String method,
EditText userName, EditText userPhone,
EditText userAddress) {
    String name =
    userName.getText().toString();
    String phone =
    userPhone.getText().toString();
    String address =
    userAddress.getText().toString();

    if (name.isEmpty() || phone.isEmpty() || address.isEmpty()) {
        Toast.makeText(this, "Please fill out all fields",
        Toast.LENGTH_SHORT).show();
    } else {
        String message = "Checkout via " +
        method + ":\n" +
        "Name: " + name + "\n" +
        "Phone: " + phone + "\n" +
        "Address: " + address;
        Toast.makeText(this, message,
        Toast.LENGTH_LONG).show();
    }
}

```

```
</LinearLayout>  
</ScrollView>
```

```
PaymentActivity.xml
1 <?xml version="1.0" encoding="utf-8"?>
2 <ScrollView
3     xmlns:android="http://schemas.android.com/apk/res/android"
4     android:layout_width="match_parent"
5     android:layout_height="match_parent">
6
7     <LinearLayout
8         android:layout_width="match_parent"
9         android:layout_height="wrap_content"
10        android:orientation="vertical"
11        android:padding="10dp">
12
13        <!-- User Information Section -->
14        <TextView
15            android:layout_width="wrap_content"
16            android:layout_height="wrap_content"
17            android:text="User Information"
18            android:textSize="20sp"
19            android:textStyle="bold"
20            android:layout_marginBottom="10dp" />
21
22        <!-- Name Input -->
23        <TextView
24            android:layout_width="wrap_content"
25            android:layout_height="wrap_content"
26            android:text="Name"
27            android:layout_marginBottom="5dp"
28            android:textSize="16sp" />
29
30        <EditText
31            android:id="@+id/userName"
32            android:layout_width="match_parent"
33            android:layout_height="wrap_content"
34            android:hint="Enter your name"
35            android:inputType="textPersonName"
36            android:layout_marginBottom="10dp" />
37
38        <!-- Phone Number Input -->
39        <TextView
40            android:layout_width="wrap_content"
41            android:layout_height="wrap_content"
42            android:text="Phone Number"
43            android:layout_marginBottom="5dp"
44            android:textSize="16sp" />
45
46        <EditText
47            android:id="@+id/userPhone"
48            android:layout_width="match_parent"
49            android:layout_height="wrap_content"
50            android:hint="Enter your phone number"
51            android:inputType="phone"
52            android:layout_marginBottom="10dp" />
53
54        <!-- Address Input -->
55        <TextView
56            android:layout_width="wrap_content"
57            android:layout_height="wrap_content"
58            android:text="Address"
59            android:layout_marginBottom="5dp"
60            android:textSize="16sp" />
61
62        <EditText
63            android:id="@+id/userAddress"
64            android:layout_width="match_parent"
65            android:layout_height="wrap_content"
66            android:hint="Enter your address"
67            android:inputType="textPostalAddress"
68            android:layout_marginBottom="20dp" />
69
70        <!-- Payment Method Section -->
71        <TextView
72            android:layout_width="wrap_content"
73            android:layout_height="wrap_content"
74            android:text="Select Payment Method"
75            android:textSize="20sp"
76            android:textStyle="bold"
77            android:layout_gravity="center"
78            android:layout_marginBottom="20dp" />
79
80        <!-- Buttons -->
81        <Button
82            android:id="@+id/jazzCashButton"
83            android:layout_width="match_parent"
84            android:layout_height="wrap_content"
85            android:text="JazzCash"
86            android:layout_marginBottom="10dp" />
87
88        <Button
89            android:id="@+id/easyPaisaButton"
90            android:layout_width="match_parent"
91            android:layout_height="wrap_content"
92            android:text="EasyPaisa"
93            android:layout_marginBottom="10dp" />
94
95        <Button
96            android:id="@+id/bankTransferButton"
97            android:layout_width="match_parent"
98            android:layout_height="wrap_content"
99            android:text="Bank Transfer"
100           android:layout_marginBottom="10dp" />
101
102        <Button
103            android:id="@+id/atmButton"
104            android:layout_width="match_parent"
105            android:layout_height="wrap_content"
106            android:text="ATM" />
107    </LinearLayout>
108 </ScrollView>
```

```
PaymentActivity.java

1 package com.example.bookstoreproject;
2
3 import android.os.Bundle;
4 import android.view.View;
5 import android.widget.Button;
6 import android.widget.EditText;
7 import android.widget.Toast;
8
9 import androidx.appcompat.app.AppCompatActivity;
10
11 public class PaymentActivity extends AppCompatActivity {
12
13     @Override
14     protected void onCreate(Bundle savedInstanceState) {
15         super.onCreate(savedInstanceState);
16         setContentView(R.layout.activity_payment);
17
18         // Get references to input fields
19         EditText userName = findViewById(R.id.userName);
20         EditText userPhone = findViewById(R.id.userPhone);
21         EditText userAddress = findViewById(R.id.userAddress);
22
23         // Get references to buttons
24         Button jazzCashButton = findViewById(R.id.jazzCashButton);
25         Button easyPaisaButton = findViewById(R.id.easyPaisaButton);
26         Button bankTransferButton = findViewById(R.id.bankTransferButton);
27         Button atmButton = findViewById(R.id.atmButton);
28
29         // Button click listeners
30         jazzCashButton.setOnClickListener(view -> showToast("JazzCash", userName, userPhone,
31             userAddress));
32         easyPaisaButton.setOnClickListener(view -> showToast("EasyPaisa", userName, userPhone,
33             userAddress));
34         bankTransferButton.setOnClickListener(view -> showToast("Bank Transfer", userName, userPhone,
35             userAddress));
36         atmButton.setOnClickListener(view -> showToast("ATM", userName, userPhone, userAddress));
37     }
38
39     // Helper method to show toast message
40     private void showToast(String method, EditText userName, EditText userPhone, EditText userAddress)
41     {
42         String name = userName.getText().toString();
43         String phone = userPhone.getText().toString();
44         String address = userAddress.getText().toString();
45
46         if (name.isEmpty() || phone.isEmpty() || address.isEmpty()) {
47             Toast.makeText(this, "Please fill out all fields", Toast.LENGTH_SHORT).show();
48         } else {
49             String message = "Checkout via " + method + ":\n"
50                     + "Name: " + name + "\n"
51                     + "Phone: " + phone + "\n"
52                     + "Address: " + address;
53             Toast.makeText(this, message, Toast.LENGTH_LONG).show();
54         }
55     }
56 }
```

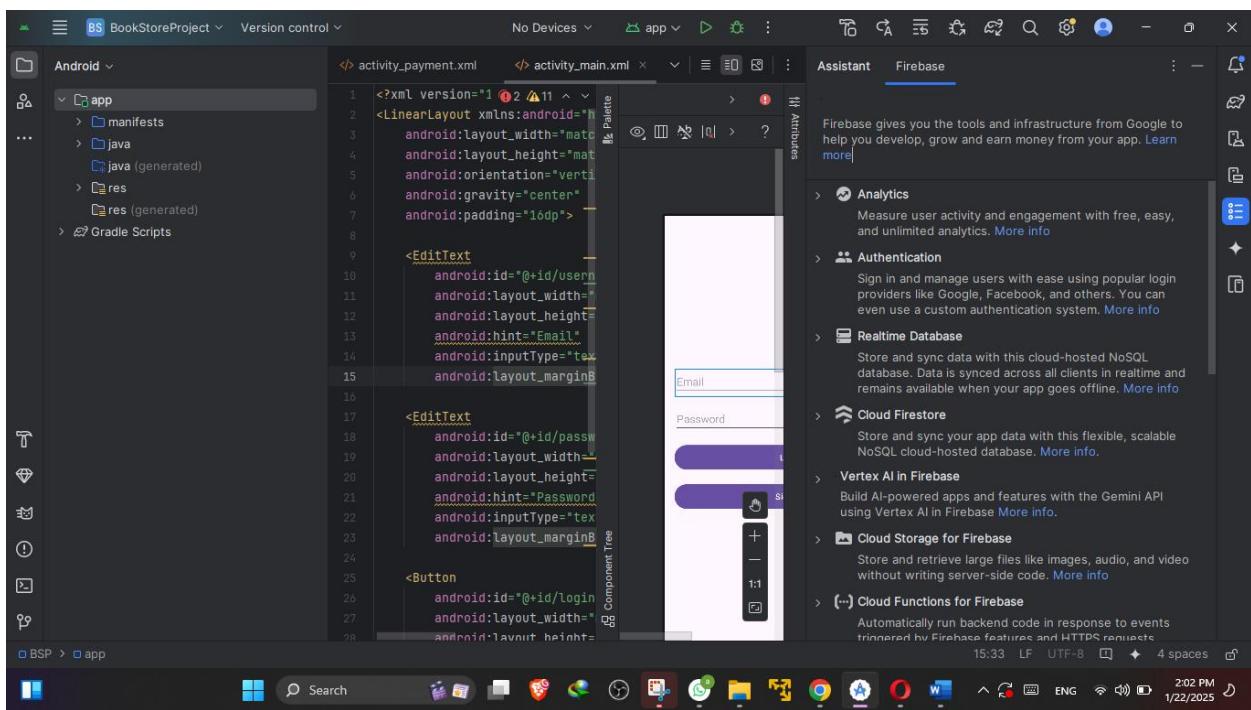
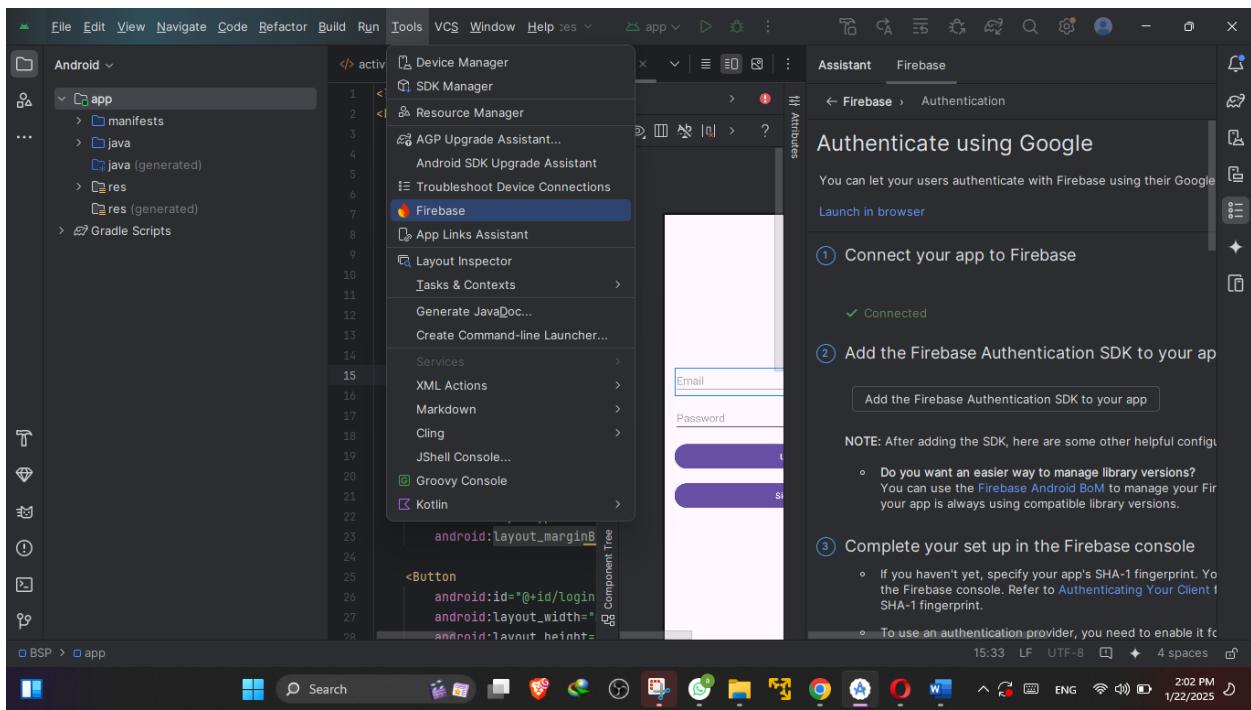
The screenshot shows the Firebase console homepage. On the left, there's a sidebar with icons for Home, Projects, Functions, Hosting, Authentication, Firestore, Cloud Storage, and Cloud Functions. The main area features a "Your projects" section with three cards: "BookStoreProject" (bookstoreproject-f0b98), "Auth-F" (auth-f-e8af9), and "CROSS" (cross-6ba1b). A large button labeled "Create a project" with a plus sign is centered in the middle of the screen, highlighted with a red rectangular border. The top navigation bar includes "Settings", "Firebase console", and "localhost:50759". The bottom taskbar shows various application icons.

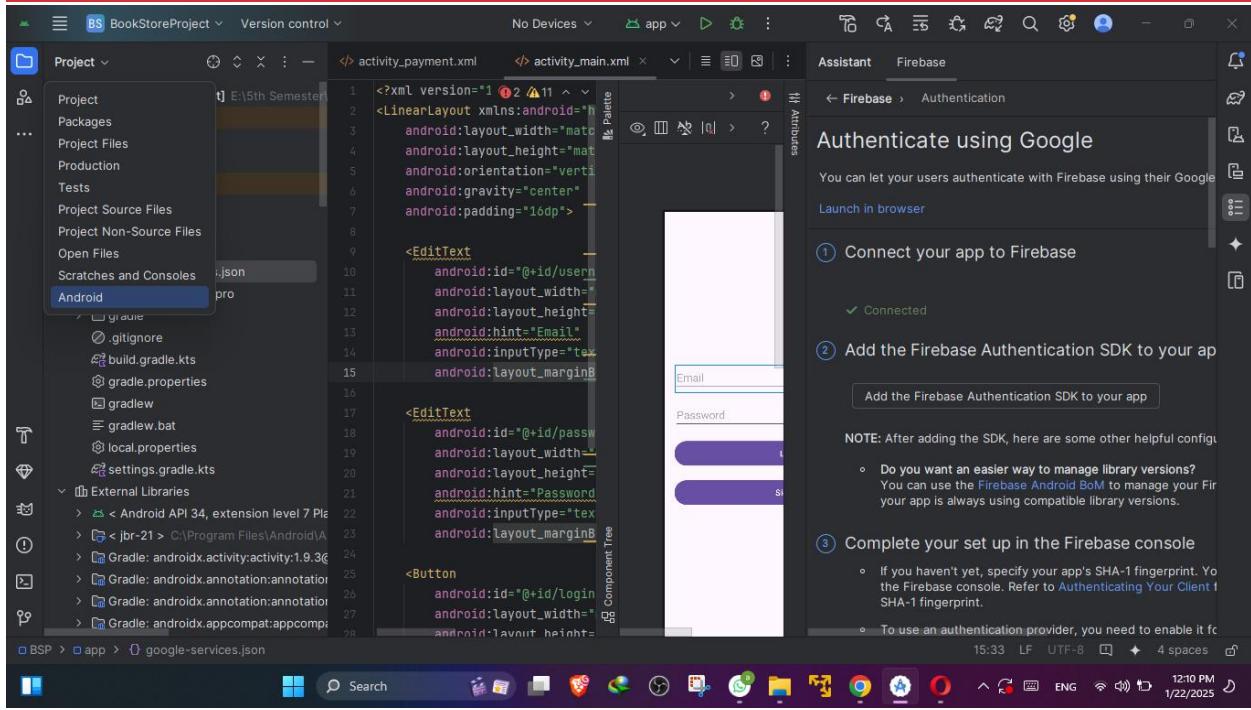
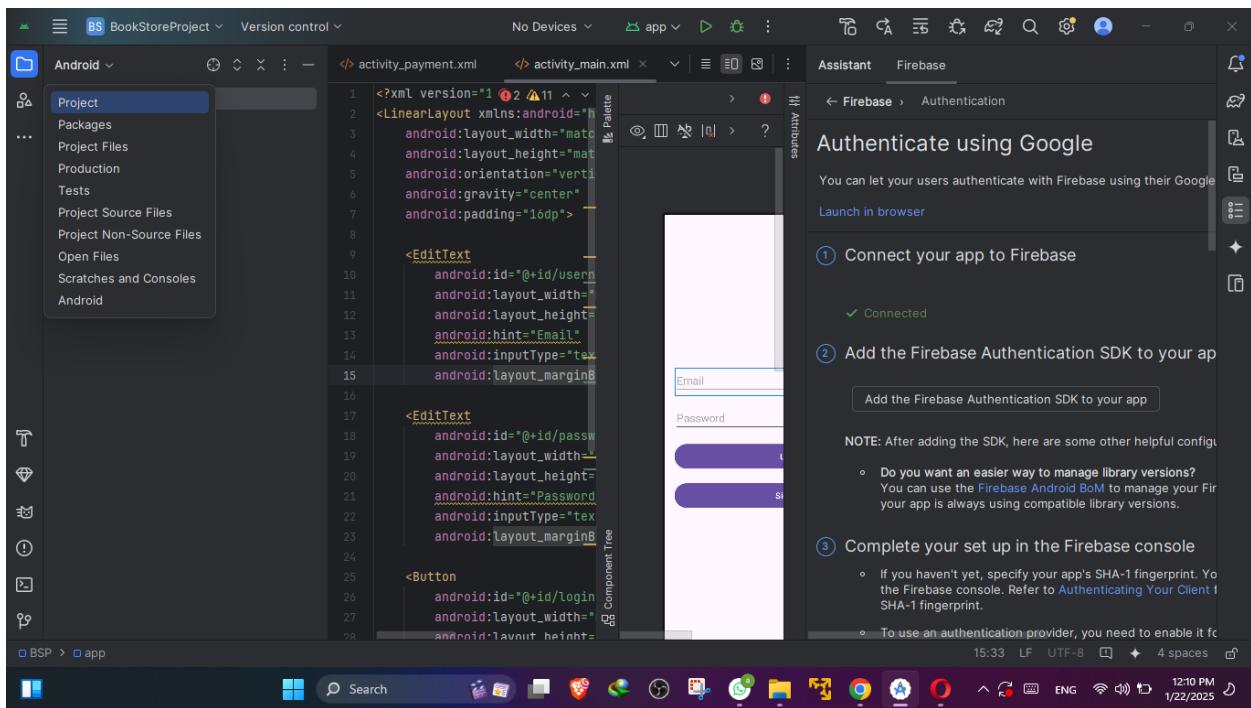
The screenshot shows the "BookStoreProject - Overview" page in the Firebase console. The left sidebar has sections for Generative AI, Build with Gemini, Genkit (NEW), Product categories, Build (with sub-options: App Check, App Hosting, Authentication, Data Connect, Extensions, Firestore Database, Functions), Spark (No-cost (\$0/month)), and Upgrade (NEW). The main content area is titled "Run and optimize your app with confidence" and contains four cards: Crashlytics (Track, prioritize and fix stability issues that erode app quality, in realtime), Performance (Get insights into your app's performance), Cloud Messaging (Send messages between your servers), and Remote Config (Slowly and safely roll out new features in your app without downtime). The top navigation bar includes "Settings", "BookStoreProject - Overview", and "localhost:50759". The bottom taskbar shows various application icons.

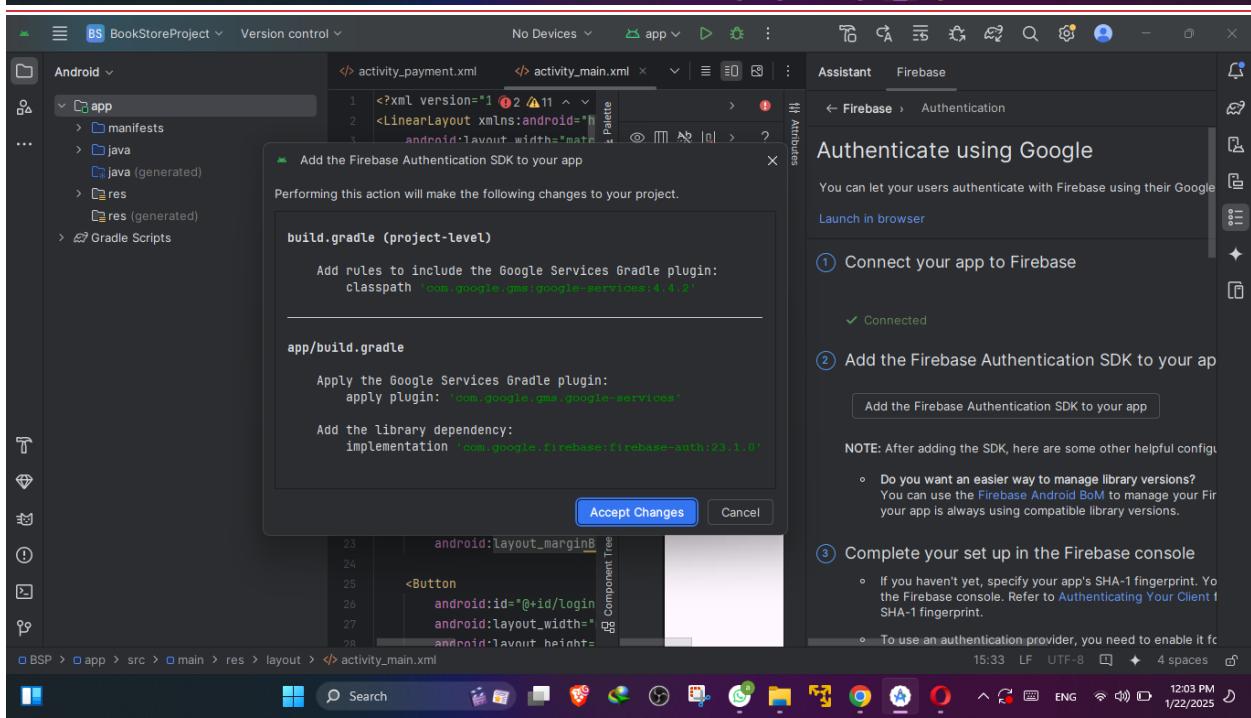
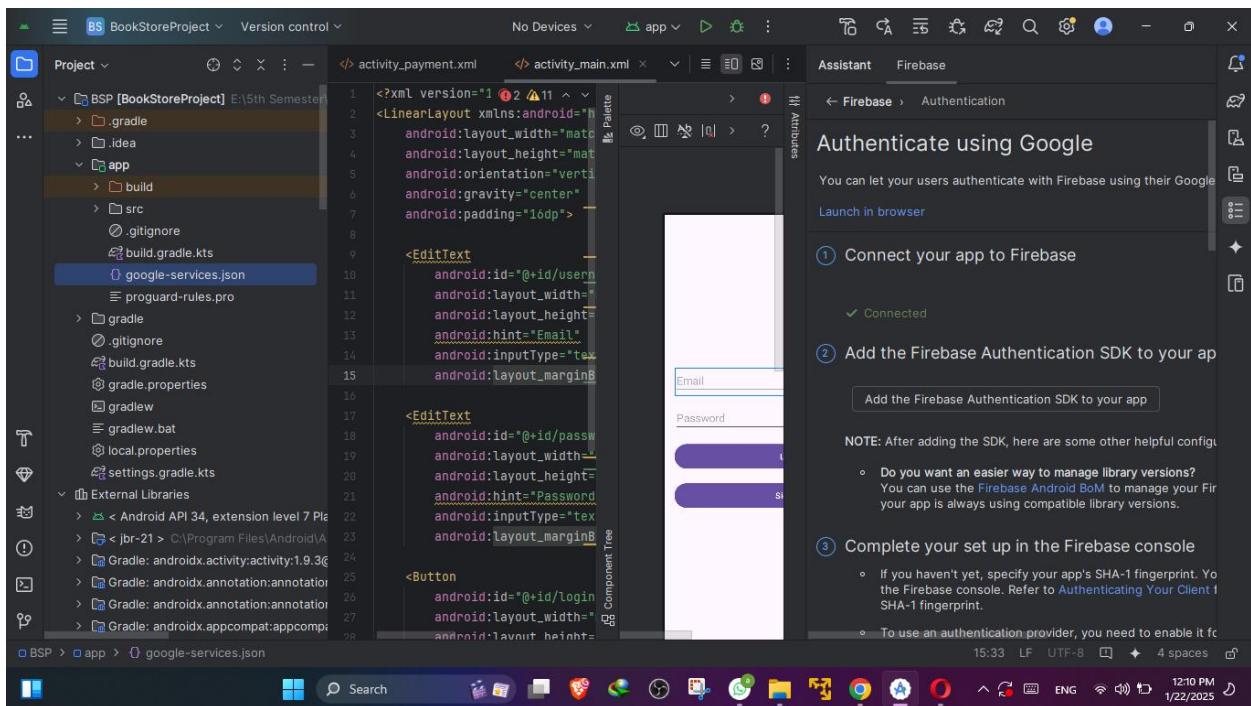
The screenshot shows the Firebase Authentication console for the 'BookStoreProject' project. The 'Sign-in method' tab is selected. Under 'Sign-in providers', there is a section titled 'Get started with Firebase Auth by adding your first sign-in method'. It lists several provider categories: 'Native providers' (Email/Password, Phone, Anonymous), 'Additional providers' (Google, Facebook, Play Games, Game Center, Apple, GitHub, Microsoft, Twitter, Yahoo), and 'Custom providers' (OpenID Connect, SAML). The URL in the browser is <https://console.firebaseio.google.com/u/0/project/bookstoreproject-f0b98/authentication/providers>.

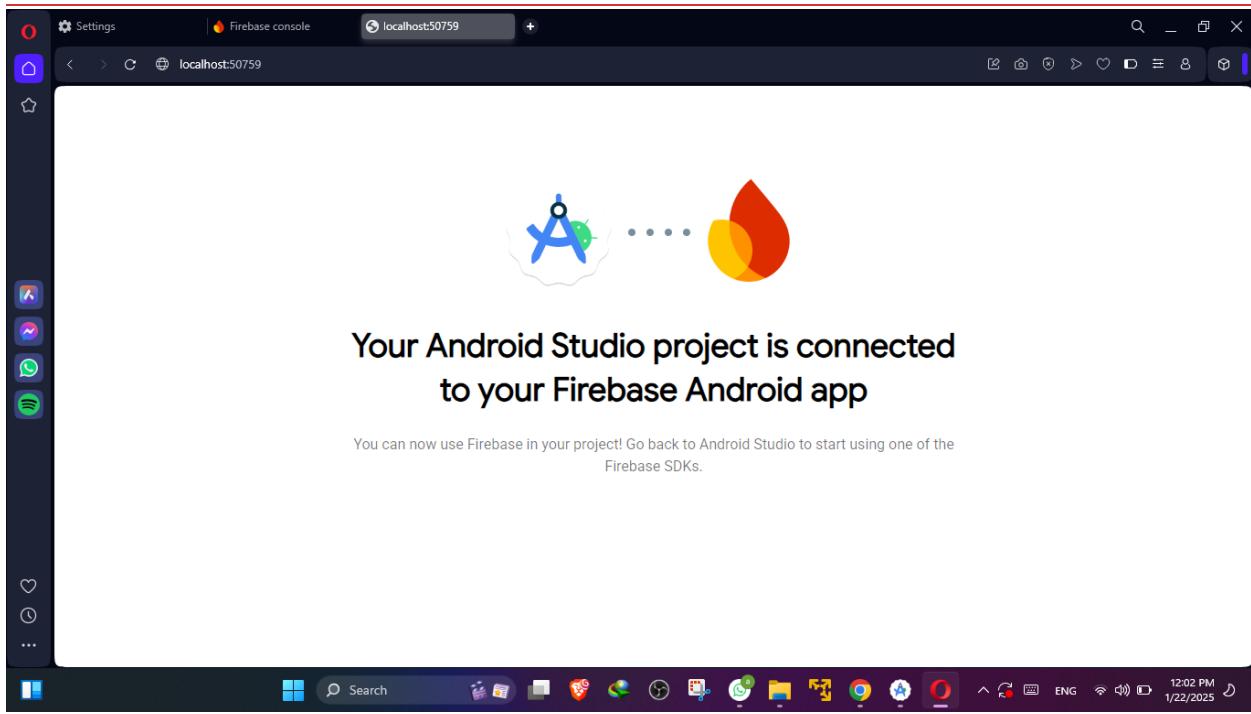
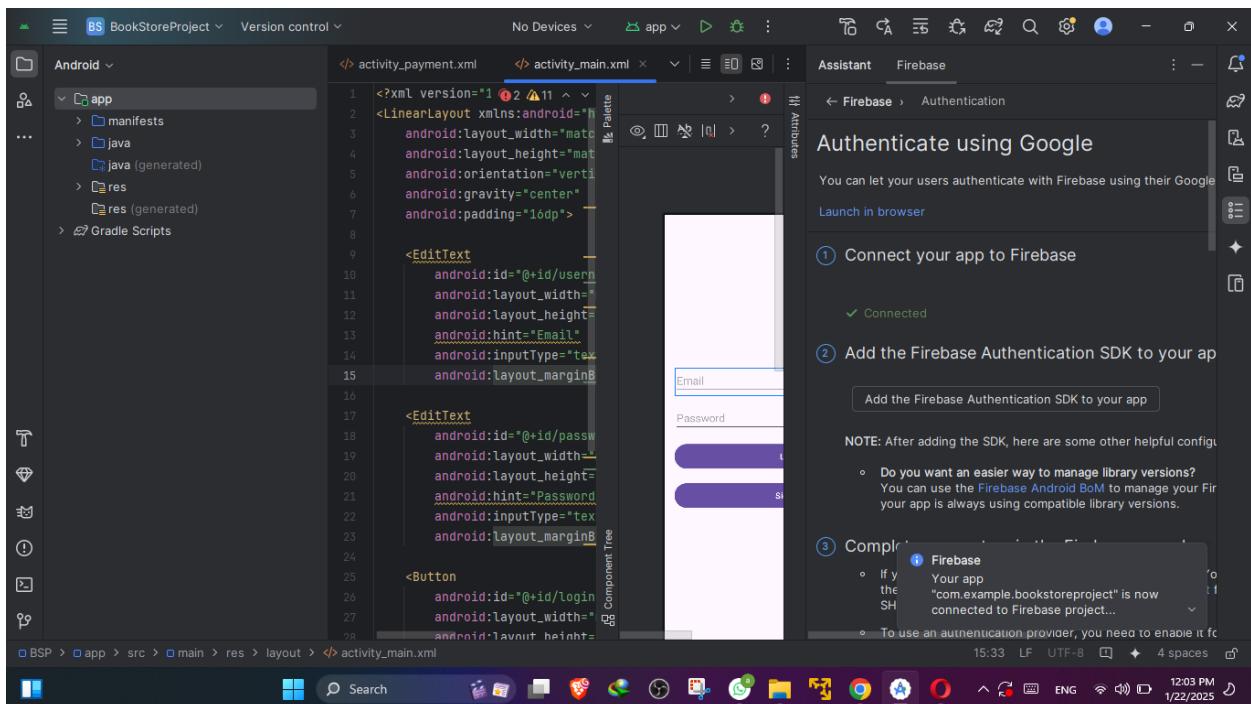
The screenshot shows the 'Sign-in method' tab in the Firebase Authentication console. Under 'Sign-in providers', the 'Email/Password' provider is selected and enabled. A tooltip explains that it allows users to sign up using their email address and password, with SDKs providing verification, recovery, and address change primitives. Other providers like 'Email link (passwordless sign-in)' are shown with their enable status. At the bottom right are 'Cancel' and 'Save' buttons. The URL in the browser is <https://console.firebaseio.google.com/u/0/project/bookstoreproject-f0b98/authentication/providers>.

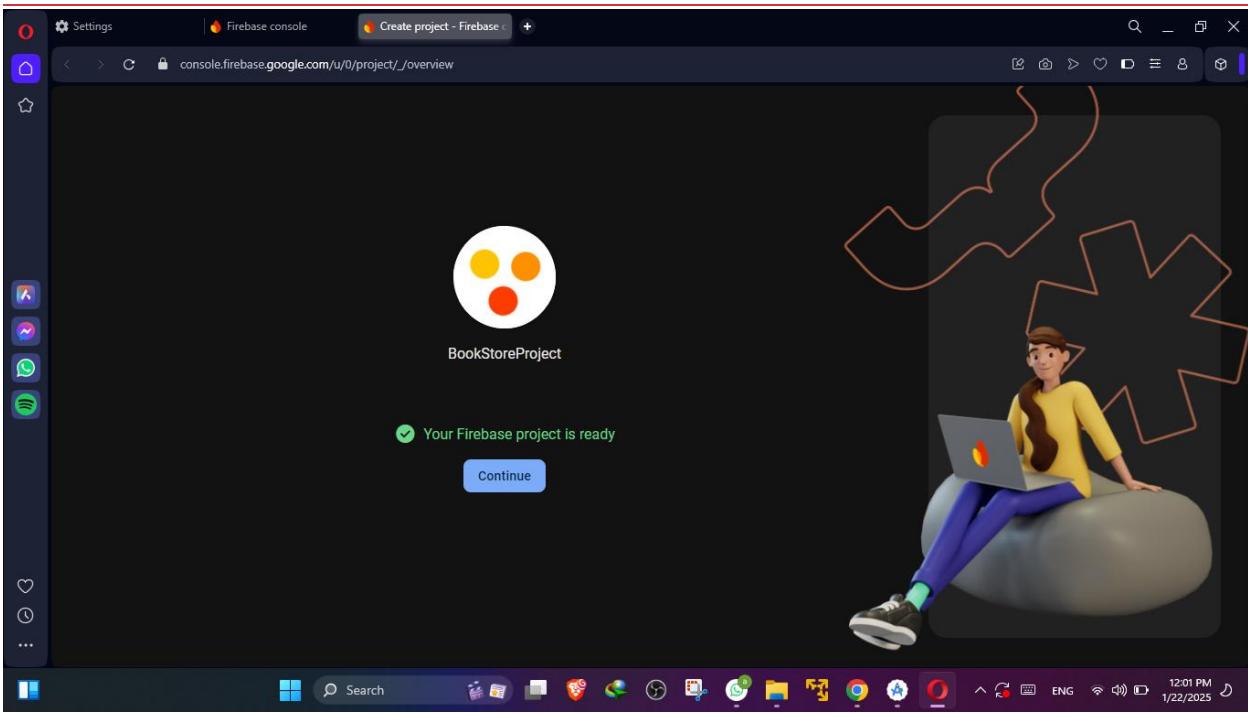
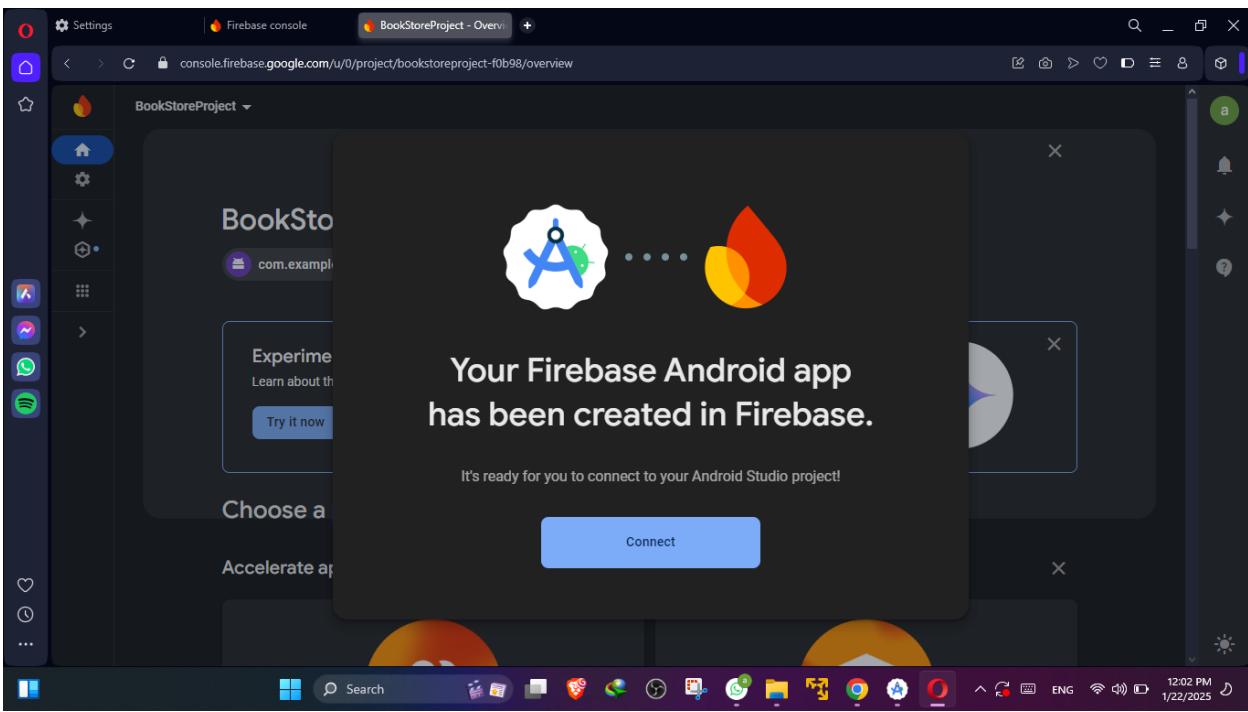
For check the JSON file

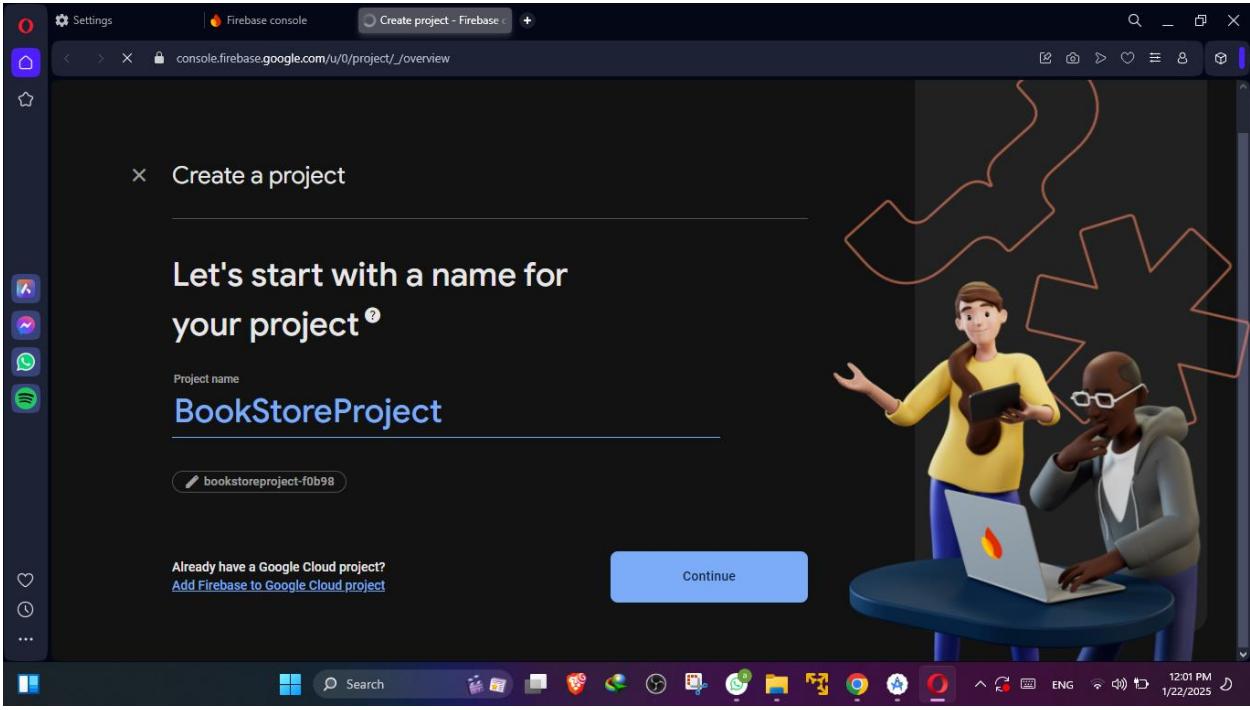
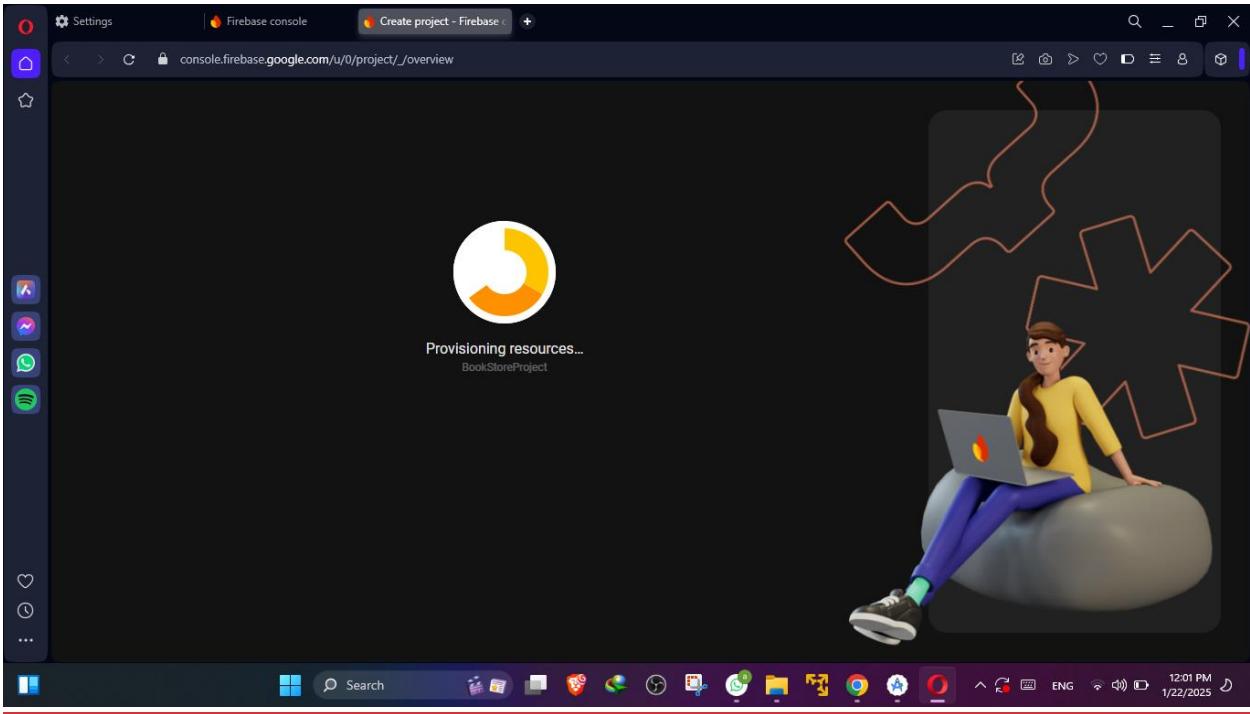












Welcome to Firebase! To connect your Android app, choose an existing project or create a new one

Choose a project to continue

Your projects

Create a project

Auth-F auth-f-e8af9

CROSS cross-6ba1b

Language English (United States)

Support · Terms · Privacy Policy

This screenshot shows the Firebase console homepage. It features a central banner with two 3D avatars: a woman on the left and a man on the right. Below the banner, there's a large button labeled "Create a project" with a plus sign. To the right of this button are two existing project cards: "Auth-F" and "CROSS". On the far left, there's a sidebar with icons for Settings, Home, and other services like Google Analytics and Crashlytics. At the bottom, there's a language dropdown set to "English (United States)" and links to Support, Terms, and Privacy Policy.

Create a project

Config, A/B Testing, and Cloud Functions.

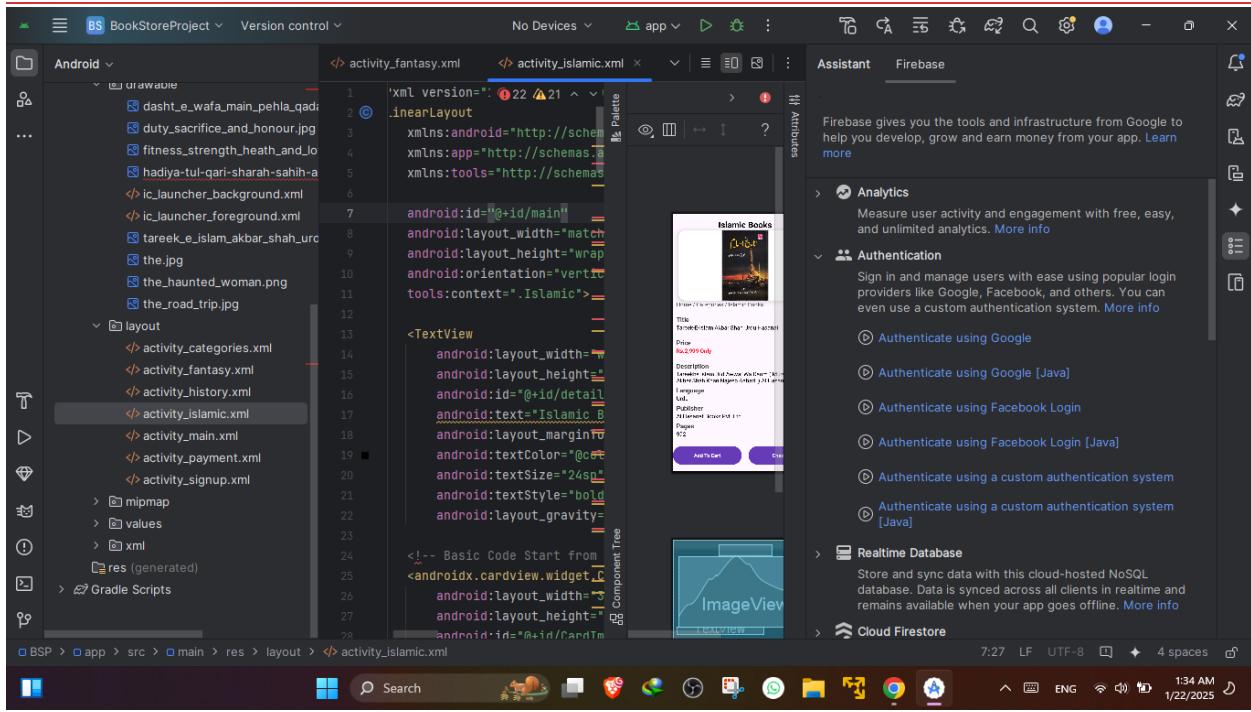
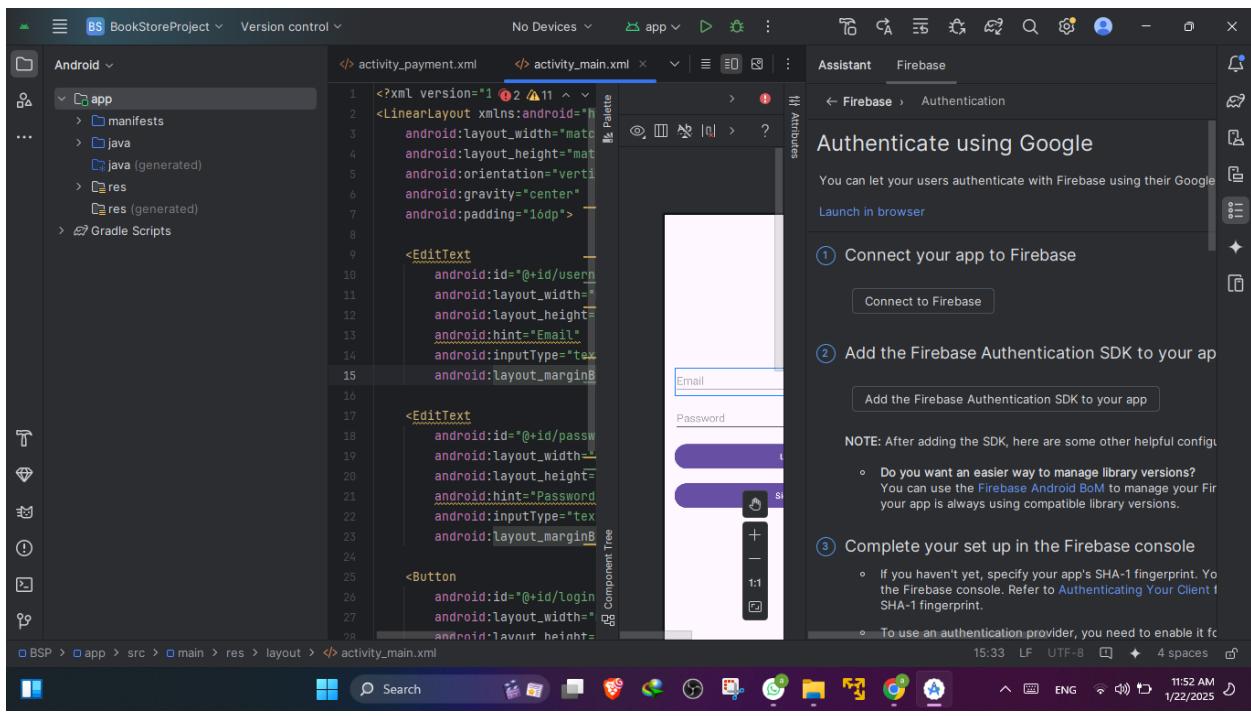
Google Analytics enables:

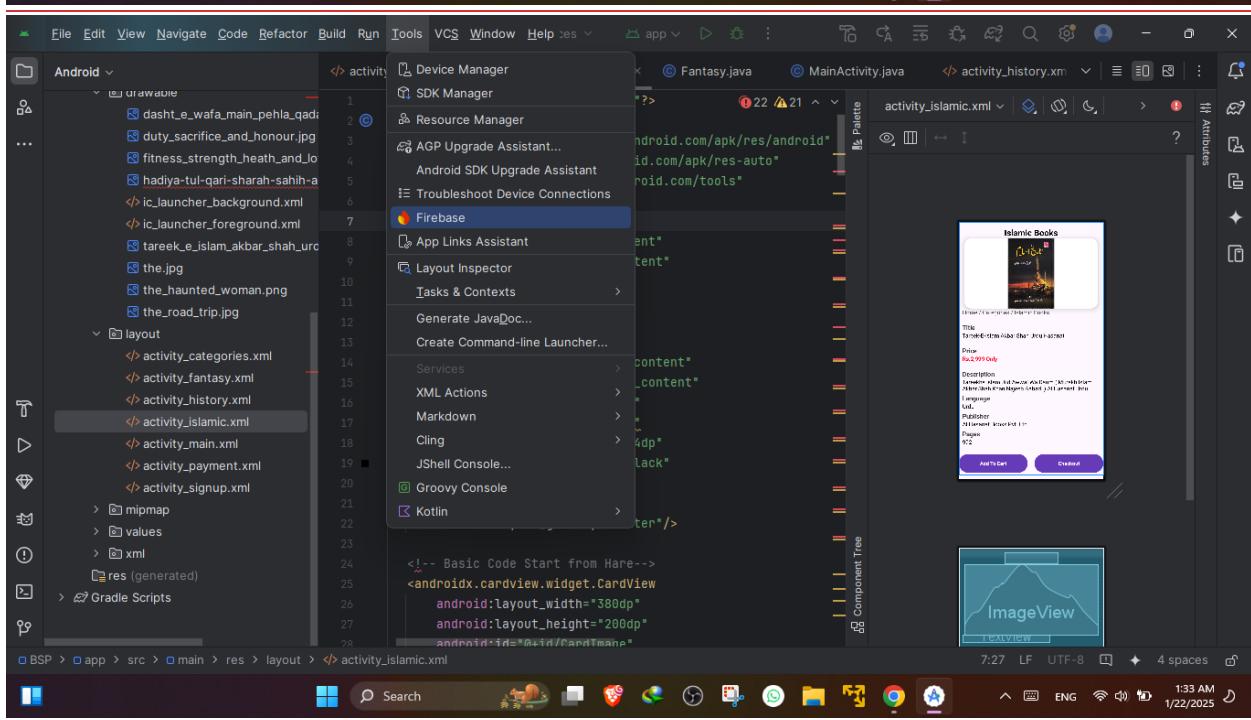
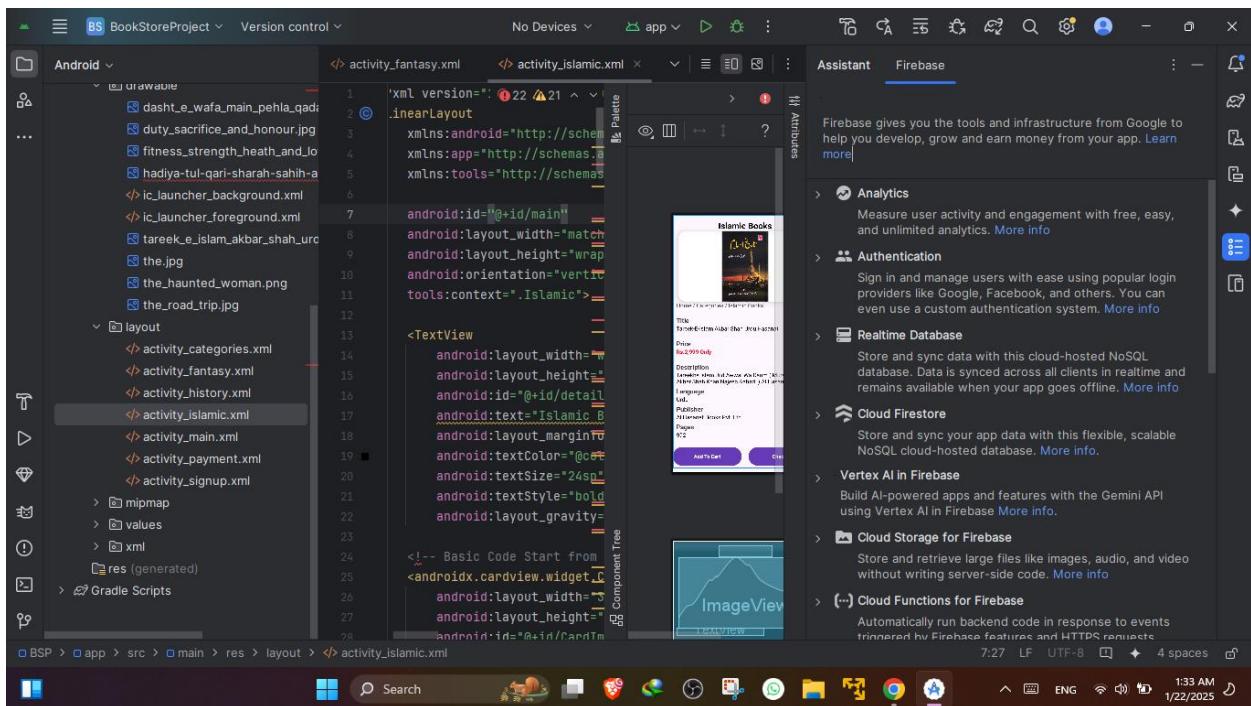
- A/B testing
- User segmentation & targeting across Firebase products
- Breadcrumb logs in Crashlytics
- Event-based Cloud Functions triggers
- Free unlimited reporting

Enable Google Analytics for this project
Recommended

Previous Continue

This screenshot shows the "Create a project" setup screen. It has a header with the title "Create a project" and a sub-header "Config, A/B Testing, and Cloud Functions.". Below this, it says "Google Analytics enables:" followed by a list of four items. There's also a section for "Enable Google Analytics for this project" with a "Recommended" note and a checked checkbox. At the bottom, there are "Previous" and "Continue" buttons. The background features a 3D illustration of a person sitting at a desk with a laptop displaying the Firebase logo.





Authentication

Users Sign-in method Templates Usage Settings Extensions

Search by email address, phone number, or user UID

Add user



Identifier	Providers	Created ↓	Signed In	User UID
afeefurrehman7@gmail...	✉	Jan 14, 2025	Jan 14, 2025	Yhr32BfGODSR0XzJxI3rFQHy...

Rows per page: 50 ▾ 1 – 1 of 1 < >