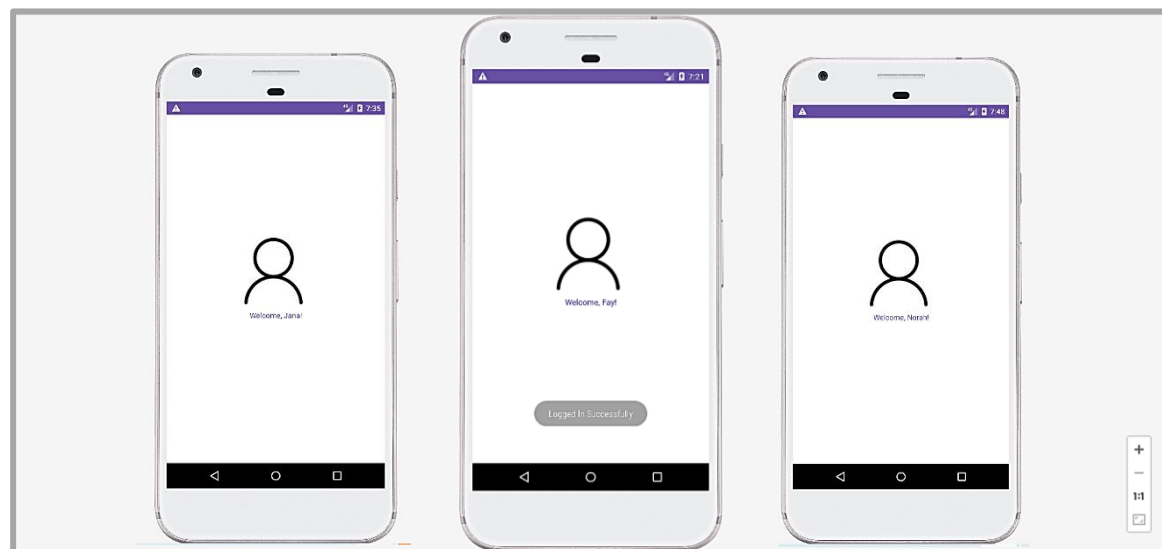
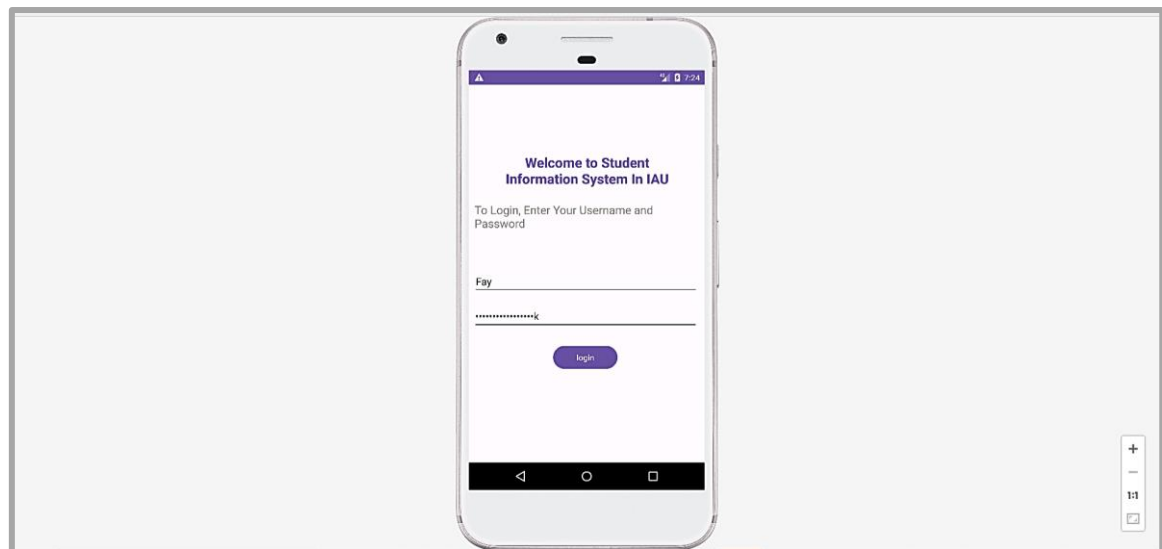
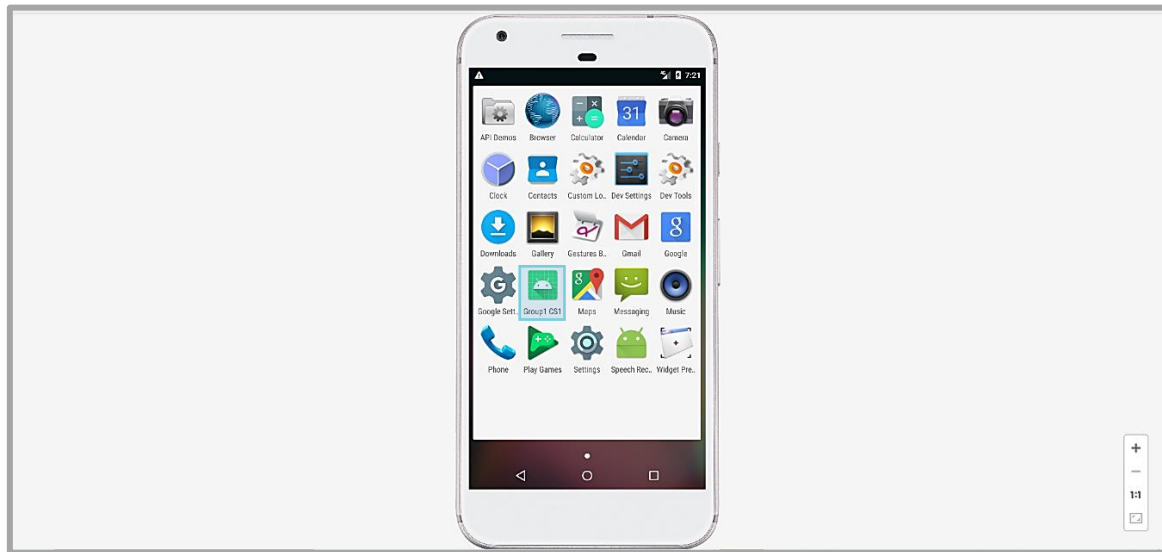


Output :



Java Codes :

1. MainActivity

```
package com.example.group1cs1;

import androidx.appcompat.app.AppCompatActivity;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;

public class MainActivity extends AppCompatActivity {
    EditText usernameEditText, passwordEditText;
    String username, password;

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

        Button loginButton = findViewById(R.id.login);
        loginButton.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {

                usernameEditText = findViewById(R.id.username);
                username = usernameEditText.getText().toString();
                passwordEditText = findViewById(R.id.password);
                password = passwordEditText.getText().toString();

                Intent intent = new Intent(MainActivity.this,
MainActivity2.class);
                intent.putExtra("USERNAME", username);
                startActivity(intent);

            }
        });
    }
}
```

2. MainActivity2

```
package com.example.group1cs1;

import androidx.appcompat.app.AppCompatActivity;
import android.content.Intent;
import android.os.Bundle;
import android.widget.ImageView;
import android.widget.TextView;
import android.widget.Toast;

public class MainActivity2 extends AppCompatActivity {
    ImageView avatar;
    TextView welcome;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main2);

        avatar = findViewById(R.id.avatar);
        welcome = findViewById(R.id.welcomeTextView);
        Intent intent = getIntent();
        String username = intent.getStringExtra("USERNAME");
```

```

        welcome.setText("Welcome, " + username + "!");

        Toast.makeText(this, "Logged In Successfully",
        Toast.LENGTH_SHORT).show();
    }
}

```

XML Codes :

1. MainActivity

```

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

    <TextView
        android:id="@+id/textView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_alignParentLeft="true"
        android:layout_alignParentTop="true"
        android:layout_alignParentEnd="true"
        android:layout_alignParentRight="true"
        android:layout_marginStart="46dp"
        android:layout_marginLeft="46dp"
        android:layout_marginTop="119dp"
        android:layout_marginEnd="44dp"
        android:layout_marginRight="44dp"
        android:gravity="center"
        android:text="Welcome to Student Information System In IAU"
        android:textColor="#6750A3"
        android:textSize="24sp"
        android:textStyle="bold" />

    <TextView
        android:id="@+id/textView2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@+id/textView"
        android:layout_alignParentStart="true"
        android:layout_alignParentLeft="true"
        android:layout_alignParentEnd="true"
        android:layout_alignParentRight="true"
        android:layout_marginStart="10dp"
        android:layout_marginLeft="10dp"
        android:layout_marginTop="25dp"
        android:layout_marginEnd="10dp"
        android:layout_marginRight="10dp"
        android:text="To Login, Enter Your Username and Password"
        android:textColor="#8E8888"
        android:textSize="20sp" />

    <EditText
        android:id="@+id/username"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@+id/textView2"
        android:layout_alignParentStart="true"
        android:layout_alignParentLeft="true"
        android:layout_alignParentEnd="true"
        android:layout_alignParentRight="true"

```

```

        android:layout_marginStart="8dp"
        android:layout_marginLeft="8dp"
        android:layout_marginTop="66dp"
        android:layout_marginEnd="11dp"
        android:layout_marginRight="11dp"
        android:ems="10"
        android:hint="Username"
        android:inputType="text" />

<EditText
    android:id="@+id/password"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@+id/username"
    android:layout_alignParentStart="true"
    android:layout_alignParentLeft="true"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_marginStart="7dp"
    android:layout_marginLeft="7dp"
    android:layout_marginTop="15dp"
    android:layout_marginEnd="12dp"
    android:layout_marginRight="12dp"
    android:ems="10"
    android:inputType="textPassword"
    android:hint="Password"/>

<Button
    android:id="@+id/login"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_below="@+id/password"
    android:layout_alignStart="@+id/password"
    android:layout_alignLeft="@+id/password"
    android:layout_alignEnd="@+id/password"
    android:layout_alignRight="@+id/password"
    android:layout_marginStart="140dp"
    android:layout_marginLeft="140dp"
    android:layout_marginTop="25dp"
    android:layout_marginEnd="140dp"
    android:layout_marginRight="140dp"
    android:text="login" />

</RelativeLayout>

```

2. MainActivity2

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".MainActivity2"
    android:background="#FFFFFF">

    <ImageView
        android:id="@+id/avatar"
        android:layout_width="237dp"
        android:layout_height="241dp"
        android:layout_alignParentStart="true"
        android:layout_alignParentLeft="true"
        android:layout_alignParentTop="true"
        android:layout_alignParentEnd="true"
        android:layout_alignParentRight="true"
        android:layout_alignParentBottom="true"
        android:layout_marginStart="88dp"

```

```
    android:layout_marginLeft="88dp"
    android:layout_marginTop="225dp"
    android:layout_marginEnd="97dp"
    android:layout_marginRight="97dp"
    android:layout_marginBottom="290dp"
    android:src="@drawable/user_icon" />
```

```
<TextView
    android:id="@+id/welcomeTextView"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignStart="@+id/avatar"
    android:layout_alignLeft="@+id/avatar"
    android:layout_alignEnd="@+id/avatar"
    android:layout_alignRight="@+id/avatar"
    android:layout_alignParentBottom="true"
    android:layout_marginStart="5dp"
    android:layout_marginLeft="5dp"
    android:layout_marginTop="450dp"
    android:layout_marginEnd="-5dp"
    android:layout_marginRight="-5dp"
    android:layout_marginBottom="270dp"
    android:gravity="center"
    android:text="Welcome, [Username]!"
    android:textColor="#6750A3" />
```

```
</RelativeLayout>
```