

CSE3012

MOBILE APPLICATION DEVELOPMENT

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ANDROID MANIFEST.XML

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

    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true"
        android:theme="@style/Theme.Finalact">
        <activity android:name=".MainActivity">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER"
            />
            </intent-filter>
        </activity>
    </application>

</manifest>
```

BUILD.GRADLE MODULE

```
plugins {
    id 'com.android.application'
    id 'com.google.gms.google-services'
}

android {
    compileSdkVersion 30

    defaultConfig {
        applicationId "com.example.finalact"
        minSdkVersion 27
        targetSdkVersion 30
        versionCode 1
        versionName "1.0"

        testInstrumentationRunner "androidx.test.runner.AndroidJUnitRunner"
    }

    buildTypes {
        release {
            minifyEnabled false
            proguardFiles getDefaultProguardFile('proguard-android-optimize.txt'), 'proguard-rules.pro'
        }
    }
    compileOptions {
        sourceCompatibility JavaVersion.VERSION_1_8
        targetCompatibility JavaVersion.VERSION_1_8
    }
}
```

```
dependencies {

    implementation 'androidx.appcompat:appcompat:1.5.1'
    implementation 'com.google.android.material:material:1.6.1'
    implementation 'androidx.constraintlayout:constraintlayout:2.1.4'
    testImplementation 'junit:junit:4.+'
    androidTestImplementation 'androidx.test.ext:junit:1.1.3'
    androidTestImplementation 'androidx.test.espresso:espresso-core:3.4.0'
    implementation 'com.google.firebase:firebase-analytics'
    implementation platform('com.google.firebase:firebase-bom:30.4.1')

}
```

BUILD. GRADLE APP

// Top-level build file where you can add configuration options common to all sub-projects/modules.

```
buildscript {
    repositories {
        google()
        mavenCentral()
    }
    dependencies {
        classpath "com.android.tools.build:gradle:4.2.1"
        classpath 'com.google.gms:google-services:4.3.13'

        // NOTE: Do not place your application dependencies here; they
belong // in the individual module build.gradle files
    }
}

allprojects {
    repositories {
        google()
        mavenCentral()
        jcenter() // Warning: this repository is going to shut down soon
    }
}

task clean(type: Delete) {
    delete rootProject.buildDir
}
```

GOOGLE-SERVICES.JSON

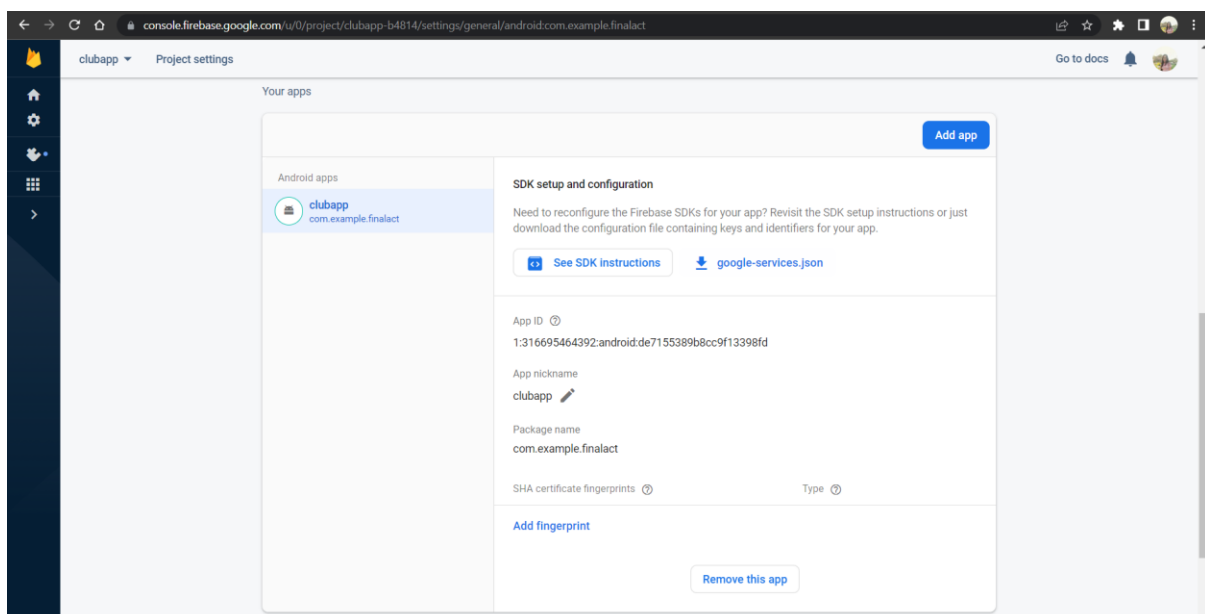
```
{
  "project_info": {
    "project_number": "316695464392",
    "project_id": "clubapp-b4814",
    "storage_bucket": "clubapp-b4814.appspot.com"
  },
  "client": [
    {
      "client_info": {
        "mobilesdk_app_id":
"1:316695464392:android:de7155389b8cc9f13398fd",
        "android_client_info": {
          "package_name": "com.example.finalact"
        }
      }
    }
  ]
}
```

```

    },
    "oauth_client": [
      {
        "client_id": "316695464392-
j4pe6qm08evf435anlrr1gohaf3kglu6.apps.googleusercontent.com",
        "client_type": 3
      }
    ],
    "api_key": [
      {
        "current_key": "AIzaSyAS5n6lQLzfINdb4ejr4CoEEP15j56LMA0"
      }
    ],
    "services": {
      "appinvite_service": {
        "other_platform_oauth_client": [
          {
            "client_id": "316695464392-
j4pe6qm08evf435anlrr1gohaf3kglu6.apps.googleusercontent.com",
            "client_type": 3
          }
        ]
      }
    }
  ],
  "configuration_version": "1"
}

```

FIREBASE



APP ID: 1:316695464392:android:de7155389b8cc9f13398fd

ACTIVITY_MAIN.XML

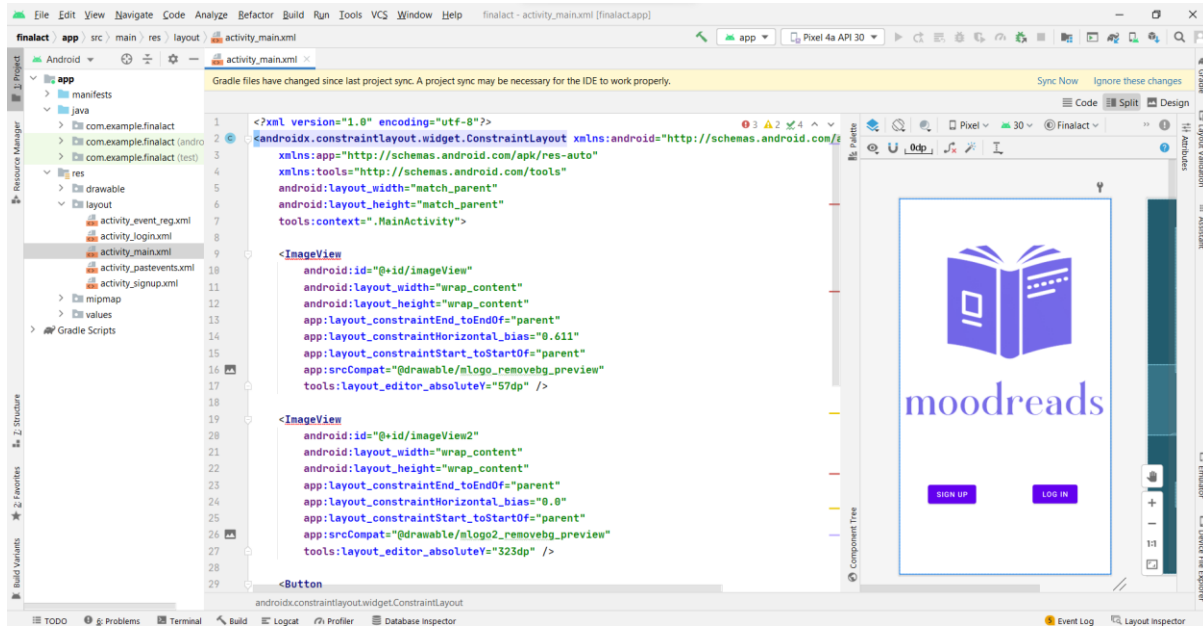
```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:app="http://schemas.android.com/apk/res-auto"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"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

    <ImageView
        android:id="@+id/imageView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.611"
        app:layout_constraintStart_toStartOf="parent"
        app:srcCompat="@drawable/mlogo_removebg_preview"
        tools:layout_editor_absoluteY="57dp" />

    <ImageView
        android:id="@+id/imageView2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.0"
        app:layout_constraintStart_toStartOf="parent"
        app:srcCompat="@drawable/mlogo2_removebg_preview"
        tools:layout_editor_absoluteY="323dp" />

    <Button
        android:id="@+id/signup"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="SIGN UP"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.808"
        tools:layout_editor_absoluteX="55dp"
        tools:ignore="MissingConstraints" />

    <Button
        android:id="@+id/login"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="LOG IN"
        tools:layout_editor_absoluteX="260dp"
        tools:layout_editor_absoluteY="552dp" />
</androidx.constraintlayout.widget.ConstraintLayout>
```



ACTIVITY_SIGNUP.XML

```
<?xml version="1.0" encoding="utf-8" ?>
<androidx.constraintlayout.widget.ConstraintLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".Registration">

    <EditText
        android:id="@+id/editTextTextPersonName2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="152dp"
        android:ems="10"
        android:hint="Name"
        android:inputType="textPersonName"
        android:minHeight="48dp"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.179"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

    <EditText
        android:id="@+id/editTextTextPersonName3"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="36dp"
        android:ems="10"
        android:hint="Registration Number"
        android:inputType="textPersonName"
        android:minHeight="48dp"

        app:layout_constraintEnd_toEndOf="parent"
```

```

        app:layout_constraintHorizontal_bias="0.179"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/editTextTextPersonName2"
    />

    <EditText
        android:id="@+id/editTextTextEmailAddress"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="40dp"
        android:ems="10"
        android:hint="Email"
        android:inputType="textEmailAddress"
        android:minHeight="48dp"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.179"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/editTextTextPersonName3"
    />

    <EditText
        android:id="@+id/editTextPhone"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="32dp"
        android:ems="10"
        android:hint="Phone Number"
        android:inputType="phone"
        android:minHeight="48dp"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.179"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/editTextTextEmailAddress"
    />

    <Button
        android:id="@+id/reg_now"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:onClick="onReg_Now"
        android:text="sign up"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.839"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/editTextTextPassword2"
        app:layout_constraintVertical_bias="0.157" />

    <EditText
        android:id="@+id/editTextTextPassword2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="40dp"
        android:ems="10"
        android:hint="Password"
        android:inputType="textPassword"
        android:minHeight="48dp"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.179"
        app:layout_constraintStart_toStartOf="parent"

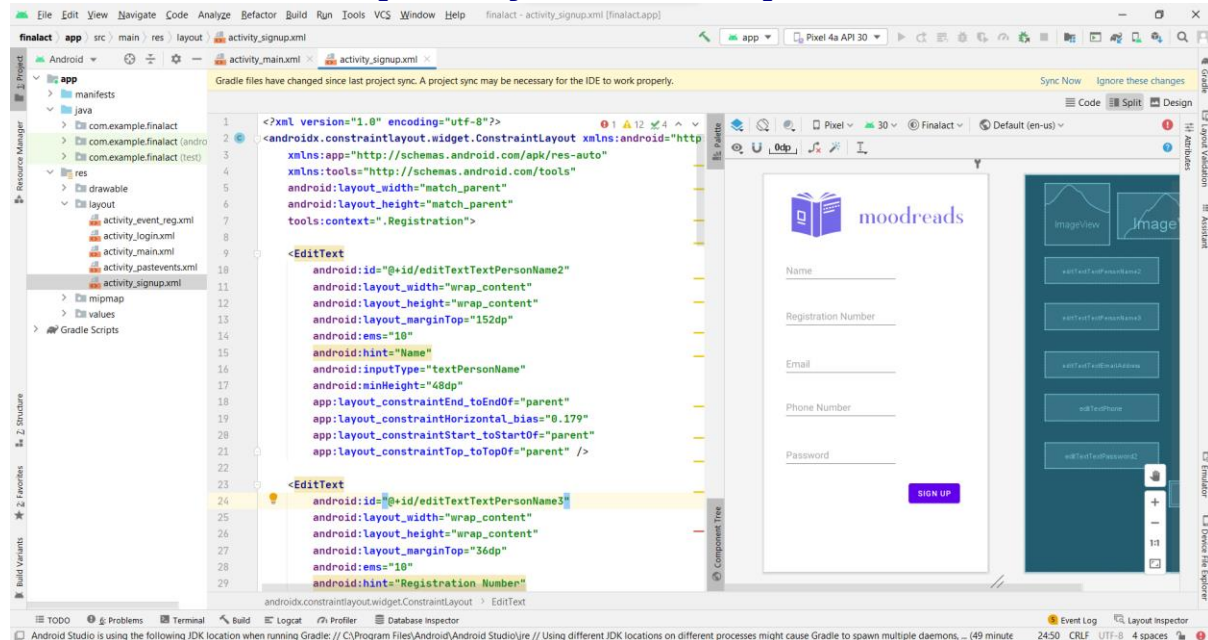
```

```
app:layout_constraintTop_toBottomOf="@+id/editTextPhone" />
```

```
<ImageView
    android:id="@+id/imageView3"
    android:layout_width="120dp"
    android:layout_height="112dp"
    android:layout_marginStart="36dp"
    android:layout_marginTop="16dp"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:srcCompat="@drawable/mlogo_removebg_preview" />
```

```
<ImageView
    android:id="@+id/imageView4"
    android:layout_width="203dp"
    android:layout_height="83dp"
    app:srcCompat="@drawable/mlogo2_removebg_preview"
    tools:layout_editor_absoluteX="170dp"
    tools:layout_editor_absoluteY="33dp" />
```

```
</androidx.constraintlayout.widget.ConstraintLayout>
```



ACTIVITY_LOGIN.XML

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".login">

    <EditText
        android:id="@+id/editTextTextPersonName"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
```



```

        android:ems="10"
        android:hint="Login/Email Id"
        android:inputType="textPersonName"
        android:minHeight="48dp"
        app:layout_constraintBottom_toTopOf="@+id/editTextTextPassword"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.184"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.882" />

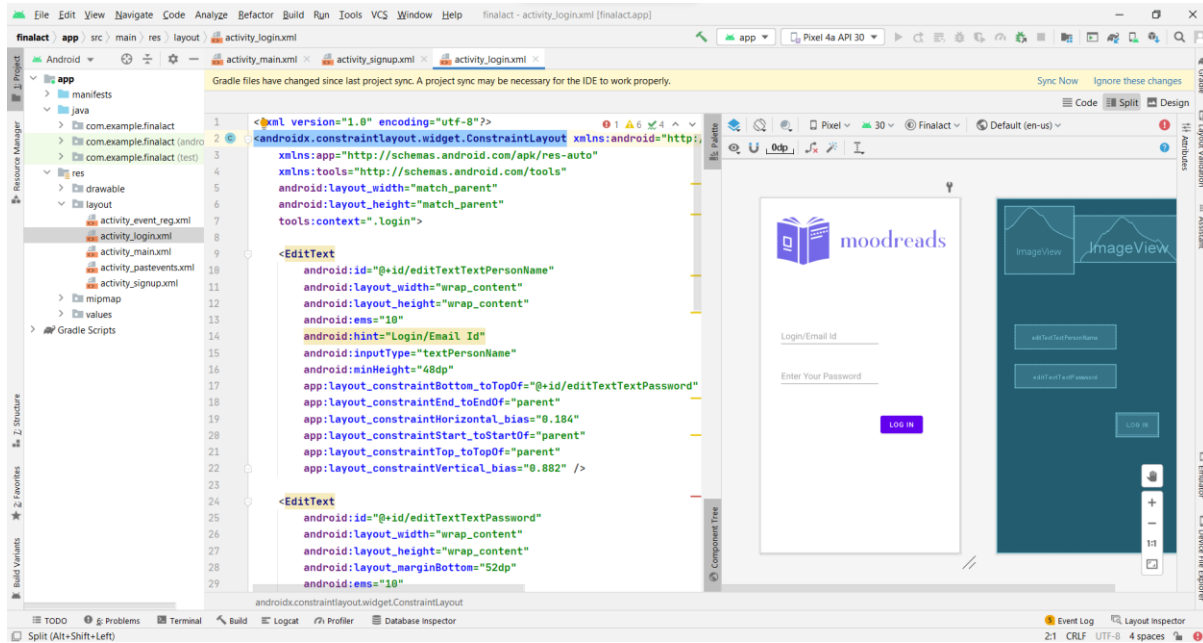
<EditText
    android:id="@+id/editTextTextPassword"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginBottom="52dp"
    android:ems="10"
    android:hint="Enter Your Password"
    android:inputType="textPassword"
    android:minHeight="48dp"
    app:layout_constraintBottom_toTopOf="@+id/login_log"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.184"
    app:layout_constraintStart_toStartOf="parent" />

<Button
    android:id="@+id/login_log"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginBottom="240dp"
    android:onClick="onClick"
    android:text="Log in"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.764"
    app:layout_constraintStart_toStartOf="parent" />

<ImageView
    android:id="@+id/imageView7"
    android:layout_width="143dp"
    android:layout_height="140dp"
    android:layout_marginStart="16dp"
    android:layout_marginTop="16dp"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:srcCompat="@drawable/mlogo_removebg_preview" />

<ImageView
    android:id="@+id/imageView8"
    android:layout_width="231dp"
    android:layout_height="96dp"
    android:layout_marginTop="36dp"
    app:layout_constraintTop_toTopOf="parent"
    app:srcCompat="@drawable/mlogo2_removebg_preview"
    tools:layout_editor_absoluteX="159dp" />
</androidx.constraintlayout.widget.ConstraintLayout>

```



ACTIVITY_PAST_EVENTS.XML

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".Pasteevents">
```

```
<TextView
    android:id="@+id/textView2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="136dp"
    android:text="Past Events"
    android:textColor="#A020F0"
    android:textSize="32sp"
    android:textStyle="bold"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.148"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent" />
```

```
<ImageView
    android:id="@+id/imageView5"
    android:layout_width="348dp"
    android:layout_height="488dp"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.571"
    app:layout_constraintStart_toStartOf="parent"
    app:srcCompat="@drawable/read"
```

```
tools:layout_editor_absoluteY="79dp" />

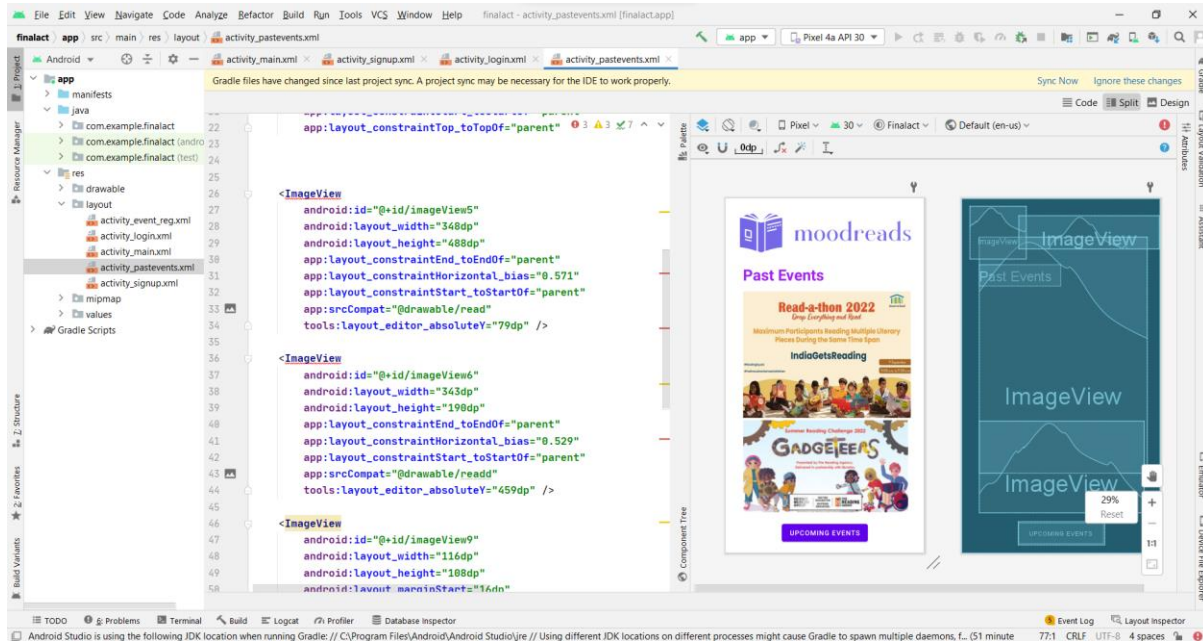
<ImageView
    android:id="@+id/imageView6"
    android:layout_width="343dp"
    android:layout_height="190dp"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.529"
    app:layout_constraintStart_toStartOf="parent"
    app:srcCompat="@drawable/read"
    tools:layout_editor_absoluteY="459dp" />

<ImageView
    android:id="@+id/imageView9"
    android:layout_width="116dp"
    android:layout_height="108dp"
    android:layout_marginStart="16dp"
    android:layout_marginTop="16dp"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:srcCompat="@drawable/mlogo_removebg_preview" />

<ImageView
    android:id="@+id/imageView10"
    android:layout_width="291dp"
    android:layout_height="68dp"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.991"
    app:layout_constraintStart_toStartOf="parent"
    app:srcCompat="@drawable/mlogo2_removebg_preview"
    tools:layout_editor_absoluteY="35dp" />

<Button
    android:id="@+id/eventreg"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginBottom="16dp"
    android:text="UPCOMING EVENTS"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent" />

</androidx.constraintlayout.widget.ConstraintLayout>
```



ACTIVITY_EVENT_REGISTRATION.XML

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".EventReg">

    <TextView
        android:id="@+id/textView4"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="188dp"
        android:text="Register for the Event Now!"
        android:textSize="26sp"
        android:textStyle="bold"

        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.494"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

    <EditText
        android:id="@+id/editTextTextPersonName4"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="68dp"
        android:ems="10"
        android:hint="Enter Your Name"
        android:inputType="textPersonName"
        android:minHeight="48dp"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.228"
```

```

        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/textView4" />

<EditText
    android:id="@+id/editTextTextPersonName5"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="28dp"
    android:ems="10"
    android:hint="Enter Your Reg. Number"
    android:inputType="textPersonName"
    android:minHeight="48dp"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.228"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/editTextTextPersonName4"
/>

<EditText
    android:id="@+id/editTextTextEmailAddress3"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="24dp"
    android:ems="10"
    android:hint="Enter Your Email"
    android:inputType="textEmailAddress"
    android:minHeight="48dp"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.228"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/editTextTextPersonName5"
/>

<Button
    android:id="@+id/register"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:onClick="onBuPress"
    android:text="Submit"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.853"
    app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@+id/editTextTextEmailAddress3"
    app:layout_constraintVertical_bias="0.112" />

<ImageView
    android:id="@+id/imageView11"
    android:layout_width="116dp"
    android:layout_height="108dp"
    android:layout_marginStart="16dp"
    android:layout_marginTop="16dp"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:srcCompat="@drawable/mlogo_removebg_preview" />

<ImageView
    android:id="@+id/imageView12"
    android:layout_width="291dp"

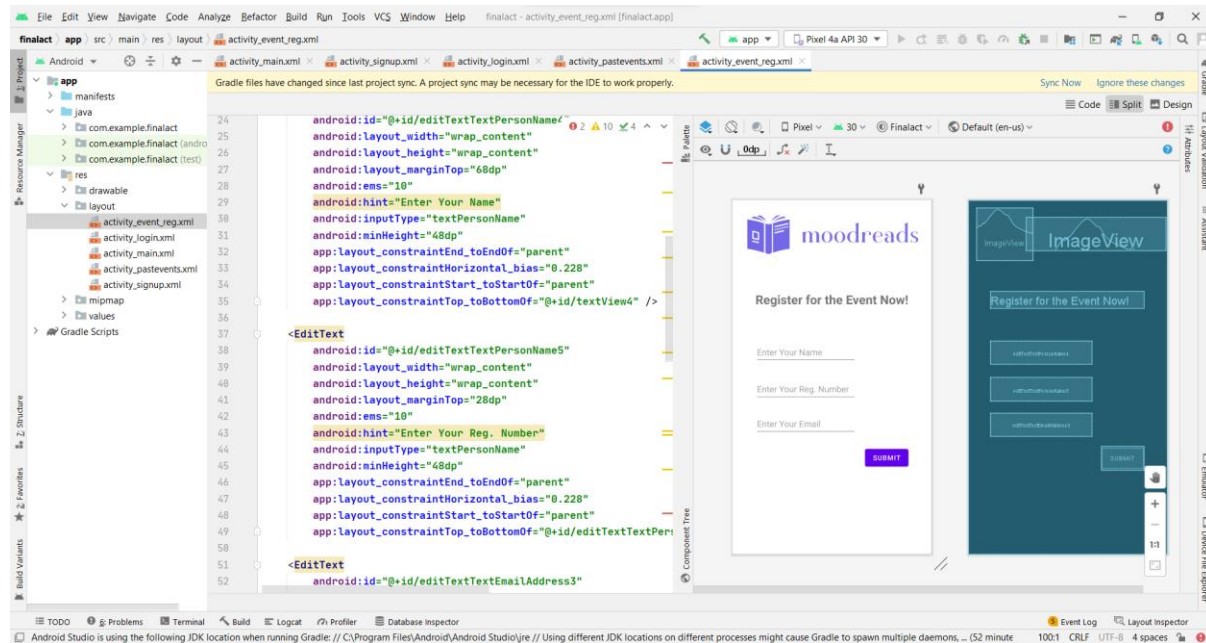
```

```

    android:layout_height="68dp"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.991"
    app:layout_constraintStart_toStartOf="parent"
    app:srcCompat="@drawable/mlogo2_removebg_preview"
    tools:layout_editor_absoluteY="35dp" />

```

```
</androidx.constraintlayout.widget.ConstraintLayout>
```



MAIN ACTIVITY.JAVA

```

package com.example.finalact;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        Button login_btn=findViewById(R.id.login);
        Button register_btn=findViewById(R.id.register);
    }

    public void onPress_login(View view){
        Intent intent=new Intent(this,login.class);
        startActivity(intent);
    }

    public void onPress_reg(View view){

```



```
        Intent intent=new Intent(this,Registration.class);
        startActivity(intent);
    }
}
```

LOGIN.JAVA

```
package com.example.finalact;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.Toast;

class login extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_login);
        Button login_log=findViewById(R.id.login_log);

    }
    public void onClick(View view){
        Toast.makeText(this, "Logged In", Toast.LENGTH_LONG).show();
        Intent intent=new Intent(this,Pastevents.class);
        startActivity(intent);
    }
}
```

SIGNUP.JAVA

```
package com.example.finalact;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.Toast;

class login extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_signup);
        Button login_log=findViewById(R.id.sign_up);

    }
    public void onClick(View view){
        Toast.makeText(this, "Logged In", Toast.LENGTH_LONG).show();
        Intent intent=new Intent(this,signup.class);
        startActivity(intent);
    }
}
```

```
    }
}
```

PAST EVENTS.JAVA

```
package com.example.finalact;
import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.text.Html;
import android.text.SpannableString;
import android.text.style.UnderlineSpan;
import android.view.View;
import android.widget.TextView;

public class Pastevents extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_pastevents);
        TextView textView=findViewById(R.id.eventreg);
        SpannableString content = new SpannableString("Click here to
register for\n UPCOMING EVENT");
        content.setSpan(new UnderlineSpan(), 0, content.length(), 0);
        textView.setText(content);

    }
    public void onNew(View view){
        Intent intent=new Intent(this,Pastevents.class);
        startActivity(intent);

    }
}
```

REGISTRATION.JAVA

```
package com.example.finalact;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.Toast;

public class Registration extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_event_reg);
        Button reg_now=findViewById(R.id.reg_now);

    }
    public void onReg_Now(View view){
        Toast.makeText(this, "Registration Successfully Completed",
Toast.LENGTH_LONG).show();
        Intent intent=new Intent(this,MainActivity.class);
```



```
        startActivity(intent);  
    }  
}
```