# CSE3012 MOBILE APPLICATION DEVELOPMENT

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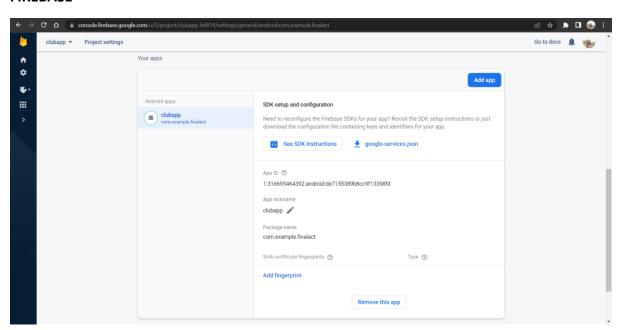
# ANDROID MANIFEST.XML

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"</pre>
    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"</pre>
/>
            </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: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": "AlzaSyAS5n6lQLzfINdb4ejr4CoEEPl5j56LMA0"
        }
      ],
      "services": {
        "appinvite service": {
          "other platform oauth client": [
              "client id": "316695464392-
j4pe6qm08evf435anlrr1gohaf3kglu6.apps.googleusercontent.com",
              "client_type": 3
          ]
        }
      }
    }
  "configuration_version": "1"
}
```

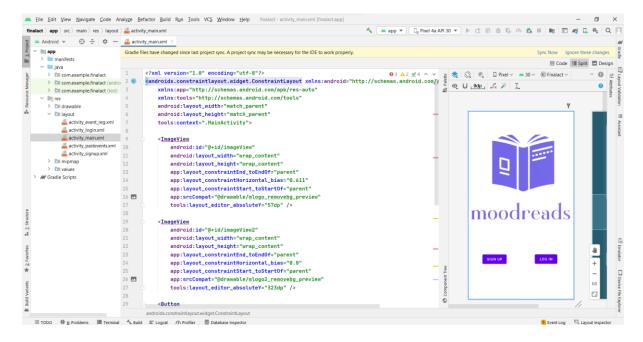
# **FIREBASE**



APP ID: 1:316695464392:android:de7155389b8cc9f13398fd

# **ACTIVITY\_MAIN.XML**

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout</pre>
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</pre>
        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</pre>
        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>
```



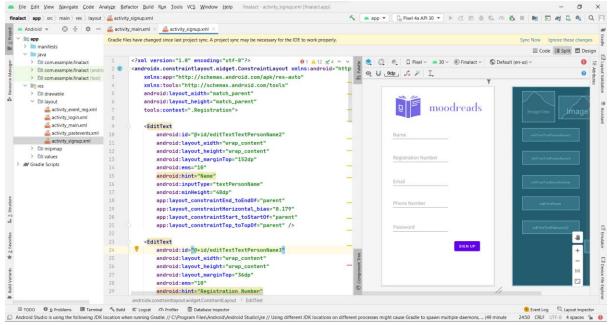
# **ACTIVITY\_SIGNUP.XML**

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout</pre>
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</pre>
    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</pre>
    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>

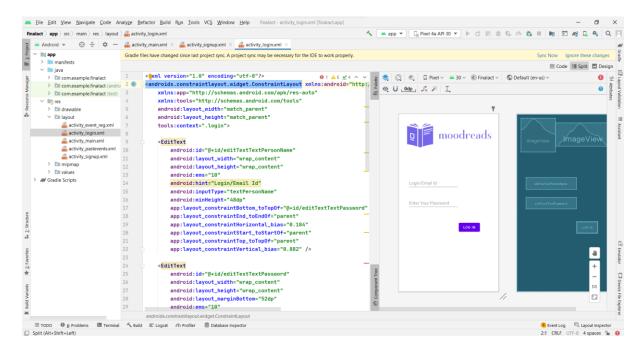


# **ACTIVITY\_LOGIN.XML**

```
<?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"</pre>
```

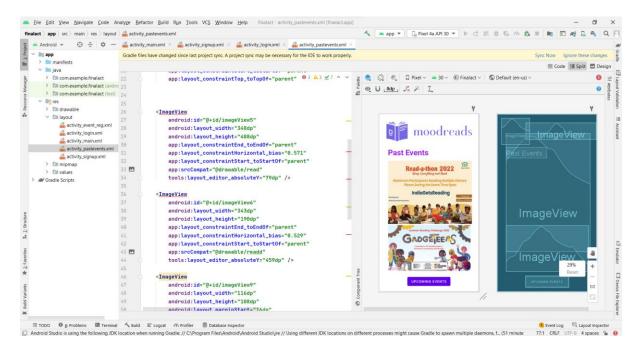
```
android:ems="10"
        android:hint="Login/Email Id"
        android:inputType="textPersonName"
        android:minHeight="48dp"
        app:layout constraintBottom toTopOf="@+id/editTextTextPassword"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal bias="0.184"
        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</pre>
        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</pre>
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=".Pastevents">
    <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</pre>
        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</pre>
        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/readd"
        tools:layout_editor absoluteY="459dp" />
    <ImageView</pre>
        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>
```



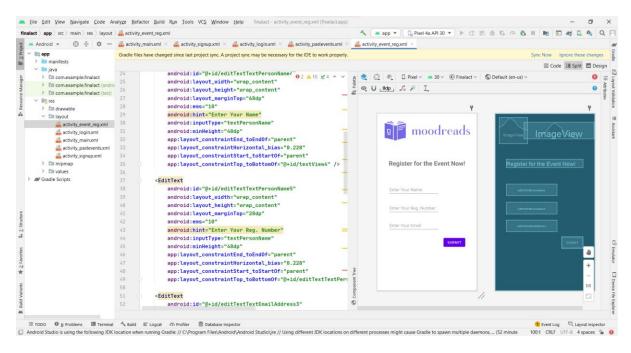
# ACTIVITY\_EVENT\_REGISTRATION.XML

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout</pre>
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/editTextEmailAddress3"
        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</pre>
        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);
```

Toast.makeText(this, "Registration Successfully Completed",

Intent intent=new Intent(this, MainActivity.class);

Button reg now=findViewById(R.id.reg now);

public void onReg Now(View view) {

Toast. LENGTH LONG) . show();

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