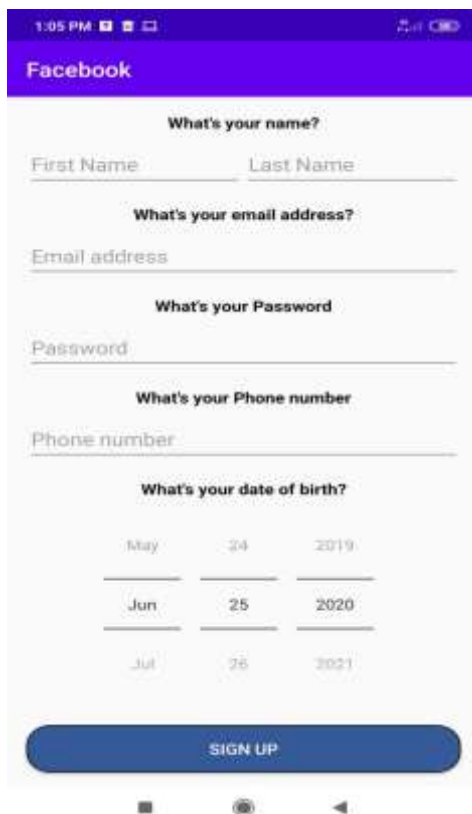


## SCREENSHOTS OF THE WORKING APP

### REGISTERACTIVITY



1:05 PM

Facebook

What's your name?

First Name Last Name

What's your email address?

Email address

What's your Password

Password

What's your Phone number

Phone number

What's your date of birth?

May	24	2019
Jun	25	2020
Jul	26	2021

SIGN UP

### MAINACTIVITY



1:05 PM

Facebook

f

Username or phone number

Password

LOG IN

Or

CREATE A NEW FACEBOOK ACCOUNT

## CODE CONTENT

### MANIFEST FILE

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

    <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/AppTheme">
        <activity android:name=".RegisterActivity"></activity>
        <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>
```

### JAVA MAIN ACTIVITY

```
package com.example.facebook;

import androidx.appcompat.app.AppCompatActivity;

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

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        Button reg =findViewById(R.id.reg);
        reg.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent intent=new
Intent(MainActivity.this,RegisterActivity.class);
                startActivity(intent);
            }
        });
    }
}
```

## JAVA REGISTER ACTIVITY

```
package com.example.facebook;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

public class RegisterActivity extends AppCompatActivity {

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

## DRAWABLES BUTTON

```
<?xml version="1.0" encoding="utf-8"?>
<selector xmlns:android="http://schemas.android.com/apk/res/android">
<item>
    <shape android:shape="rectangle">
        <solid android:color="#365998">

        </solid>
        <stroke android:width="1dp"/>
        <corners android:radius="20dp"/>
    </shape>
</item>
</selector>
```

## MAINACTIVITY.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">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="0dp"
        android:orientation="vertical"
        android:background="#FFFFFF"
        app:layout_constraintBottom_toTopOf="@id/linearLayout"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent">

        <ImageView
            android:layout_width="80dp"
```

```

        android:layout_height="0dp"
        android:layout_weight="1"
        android:layout_gravity="center"
        android:layout_margin="16dp"
        android:src="@drawable/facebook"/>
</LinearLayout>

<LinearLayout
    android:id="@+id/linearLayout"
    android:layout_width="match_parent"
    android:layout_height="0dp"
    android:orientation="vertical"
    android:layout_marginTop="10dp"
    android:background="#FFFFFF"
    android:layout_marginBottom="8dp"
    android:layout_marginEnd="8dp"
    android:layout_marginStart="8dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent">

    <com.google.android.material.textfield.TextInputLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="12dp">

</com.google.android.material.textfield.TextInputLayout>
        <com.google.android.material.textfield.TextInputEditText
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:hint="Username or phone number"
            android:id="@+id/username"
            android:inputType="text">

            </com.google.android.material.textfield.TextInputEditText>

        <com.google.android.material.textfield.TextInputLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_margin="12dp"
            >
            <com.google.android.material.textfield.TextInputEditText
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:hint="Password"
                android:id="@+id/password"
                android:inputType="textPassword">

                </com.google.android.material.textfield.TextInputEditText>

        </com.google.android.material.textfield.TextInputLayout>
    <Button
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="12dp"
        android:textColor="#FFFFFF"
        android:textAlignment="center"
        android:text="LOG IN"
        android:background="@drawable/button"/>

```

```

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:layout_marginTop="50dp">
    <View
        android:layout_width="0dp"
        android:layout_height="2dp"
        android:layout_weight="9"
        android:layout_marginStart="16dp"
        android:layout_marginTop="8dp"
        android:background="#000000"/>

    <TextView
        android:layout_width="0dp"
        android:layout_height="20dp"
        android:text="OR"
        android:textAlignment="center"
        android:layout_weight="2"
        android:textAllCaps="false"/>

    <View
        android:layout_width="0dp"
        android:layout_height="2dp"
        android:layout_weight="9"
        android:layout_marginTop="8dp"
        android:layout_marginEnd="16dp"
        android:background="#000000"/>

</LinearLayout>

<Button
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="50dp"
    android:layout_marginBottom="20dp"
    android:textColor="#FFFFFF"
    android:id="@+id/reg"
    android:background="#26A32B"
    android:layout_marginEnd="16dp"
    android:layout_marginStart="16dp"
    android:textAlignment="center"
    android:text="CREATE A NEW FACEBOOK ACCOUNT"/>
</LinearLayout>
</androidx.constraintlayout.widget.ConstraintLayout>

```

## REGISTERACTIVITY.XML

```

<?xml version="1.0" encoding="utf-8"?>
<ScrollView android:layout_width="match_parent"
    android:layout_height="match_parent"
    xmlns:android="http://schemas.android.com/apk/res/android" >
<LinearLayout 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"
android:orientation="vertical"
tools:context=".RegisterActivity">
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="vertical"
    android:layout_marginTop="16dp">
    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="What's your name?"
        android:textAlignment="center"
        android:textColor="#000000"
        android:textStyle="bold"
        android:textSize="15dp"/>
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal">
        <com.google.android.material.textfield.TextInputLayout
            android:layout_width="0dp"
            android:layout_height="wrap_content"
            android:layout_marginStart="16dp"
            android:layout_weight="1">
            <com.google.android.material.textfield.TextInputEditText
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:hint="First Name"
                android:layout_weight="1">

                </com.google.android.material.textfield.TextInputEditText>

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

            <com.google.android.material.textfield.TextInputLayout
                android:layout_width="0dp"
                android:layout_height="wrap_content"
                android:layout_weight="1"
                android:layout_marginEnd="16dp">
                <com.google.android.material.textfield.TextInputEditText
                    android:layout_width="match_parent"
                    android:layout_height="wrap_content"
                    android:hint="Last Name">

                    </com.google.android.material.textfield.TextInputEditText>

                </com.google.android.material.textfield.TextInputLayout>
            </LinearLayout>
        </LinearLayout>
        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:orientation="vertical"
            android:layout_marginTop="16dp">

```

```

<TextView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="What's your email address?"
    android:textAlignment="center"
    android:textColor="#000000"
    android:textStyle="bold"
    android:textSize="15dp"/>

<com.google.android.material.textfield.TextInputLayout

    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginStart="16dp"
    android:layout_marginEnd="16dp">

    <com.google.android.material.textfield.TextInputEditText
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Email address"
        android:inputType="textEmailAddress">

        </com.google.android.material.textfield.TextInputEditText>

    </com.google.android.material.textfield.TextInputLayout>
</LinearLayout>
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="vertical"
    android:layout_marginTop="16dp">
    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="What's your Password"
        android:textAlignment="center"
        android:textColor="#000000"
        android:textStyle="bold"
        android:textSize="15dp"/>

    <com.google.android.material.textfield.TextInputLayout

        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginStart="16dp"
        android:layout_marginEnd="16dp">

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

            </com.google.android.material.textfield.TextInputEditText>

```

```

        </com.google.android.material.textfield.TextInputLayout>
    </LinearLayout>
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical"
        android:layout_marginTop="16dp">
        <TextView
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="What's your Phone number"
            android:textAlignment="center"
            android:textColor="#000000"
            android:textStyle="bold"
            android:textSize="15dp"/>

        <com.google.android.material.textfield.TextInputLayout

            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_marginStart="16dp"
            android:layout_marginEnd="16dp">

            <com.google.android.material.textfield.TextInputEditText
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:hint="Phone number"
                android:inputType="phone">

            </com.google.android.material.textfield.TextInputEditText>

        </com.google.android.material.textfield.TextInputLayout>
    </LinearLayout>
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="0dp"
        android:layout_weight="1.5"
        android:orientation="vertical"
        android:layout_marginTop="16dp"
        android:layout_marginEnd="16dp"
        android:layout_marginStart="16dp">
        <TextView
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="What's your date of birth?"
            android:textAlignment="center"
            android:textColor="#000000"
            android:textStyle="bold"
            android:textSize="15dp"/>

        <DatePicker
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:calendarViewShown="false"
            android:datePickerMode="spinner"
            android:forceDarkAllowed="true"
            android:layout_marginStart="16dp"

```



```

        android:layout_marginEnd="16dp"
        android:yearListSelectorColor="#FFFFFF">

    </DatePicker>
</LinearLayout>
<Button
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="16dp"
    android:background="@drawable/button"
    android:textColor="#FFFFFF"
    android:text="SIGN UP"
    android:textAllCaps="false"
    android:textSize="15dp"/>

</LinearLayout>
</ScrollView>

```

## VALUES

### STYLE.XML

```

<resources>
    <!-- Base application theme. -->
    <style name="AppTheme" parent="Theme.AppCompat.Light.DarkActionBar">
        <!-- Customize your theme here. -->
        <item name="colorPrimary">@color/colorPrimary</item>
        <item name="colorPrimaryDark">@color/colorPrimaryDark</item>
        <item name="colorAccent">@color/colorAccent</item>
    </style>

</resources>

```

### COLOR.XML

```

<?xml version="1.0" encoding="utf-8"?>
<resources>
    <color name="colorPrimary">#6200EE</color>
    <color name="colorPrimaryDark">#3700B3</color>
    <color name="colorAccent">#03DAC5</color>
    <color name="colorPrimaryFb">#3B5998</color>
    <color name="colorAccentFb">#1F2FC2</color>
    <color name="colorPrimaryDarkFb">#3B5998</color>
</resources>

```

### STRING.XML

```

<resources>
    <string name="app_name">Facebook</string>
</resources>

```

## BUILD GRADLE MODULE APP

```
apply plugin: 'com.android.application'

android {
    compileSdkVersion 29
    buildToolsVersion "29.0.3"

    defaultConfig {
        applicationId "com.example.facebook"
        minSdkVersion 21
        targetSdkVersion 29
        versionCode 1
        versionName "1.0"

        testInstrumentationRunner "androidx.test.runner.AndroidJUnitRunner"
    }

    buildTypes {
        release {
            minifyEnabled false
            proguardFiles getDefaultProguardFile('proguard-android-optimize.txt'),
'proguard-rules.pro'
        }
    }
}

dependencies {
    implementation fileTree(dir: "libs", include: ["*.jar"])
    implementation 'androidx.appcompat:appcompat:1.1.0'
    implementation 'androidx.constraintlayout:constraintlayout:1.1.3'
    testImplementation 'junit:junit:4.12'
    androidTestImplementation 'androidx.test.ext:junit:1.1.1'
    androidTestImplementation 'androidx.test.espresso:espresso-core:3.2.0'
    implementation 'com.google.android.material:material:1.2.0-alpha05'
}
```