

## **PRACTICAL 4(A)**

**Aim: Start Activities with Implicit Intents Send an implicit intent to start an activity (open web site), Send an implicit intent to start an activity (open location), Use an intent filter to allow other apps to start an activity in your app, Use Share Compat. Intent Builder**

**Code:**

**JAVA FILE: (MainActivity.java)**

```
package com.example.practical4a;
import androidx.appcompat.app.AppCompatActivity;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.net.Uri;
import android.widget.Button;
import android.widget.EditText;
public class MainActivity extends AppCompatActivity {
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        EditText enterurl = findViewById(R.id.enterUrl);
        Button ebutton = findViewById(R.id.ebutton);
        ebutton.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                String url = enterurl.getText().toString();
                Intent i = new Intent(Intent.ACTION_VIEW,Uri.parse(url));
                startActivity(i);
            }
        });
    }
}
```

**XML FILE: (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">
<TextView
    android:id="@+id/textView"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="50dp"
    android:text=" Name: Angat Shah \n Enrollment No: 202203103510097 \n Branch:
```

B.Tech CSE"

```
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.497"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    tools:ignore="MissingConstraints" />
<TextView
    android:id="@+id/simple"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="ENTER THE URL"
    android:textSize="30dp"
    android:textStyle="bold"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.497"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.299" />
<EditText
    android:id="@+id/enterUrl"
    android:layout_width="315dp"
    android:layout_height="54dp"
    android:ems="10"
    android:inputType="text"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.499" />
<Button
    android:id="@+id/ebutton"
    android:layout_width="167dp"
    android:layout_height="54dp"
    android:text="Submit"
    android:textSize="25dp"
    app:layout_constraintBottom_toBottomOf="parent"
```

Enrollment No: 202203103510097

```
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.651" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

### Output:

