

Experiment – 2.3

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Semester: 6th Date of Performance: 07/02/2024

Subject Name: MAD Lab Subject Code: 21CSH-355

Aim of the practical: To design an android application Send SMS using Intent..

Objective:- The objective of an Android-based application that uses Intent to send SMS can be to create a convenient and user-friendly tool for sending text messages. This type of app aims to leverage the Android platform's capabilities to provide a seamless and efficient way for users to compose and send SMS messages.

1. CODE: 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:layout width="166dp"
android:layout height="98dp"
    android:text="HELLO World I am Shashi"
    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="0.617" />
                                              <EditText
android:id="@+id/editTextExample"
```

```
android:layout width="match parent"
android:layout height="wrap content"
android:hint="Enter text"
tools:layout editor absoluteX="0dp"
tools:layout_editor_absoluteY="67dp"/>
  <ImageView
android:id="@+id/imageViewExample"
android:layout width="wrap content"
android:layout height="wrap content"
android:src="@drawable/ic launcher foreground"/>
<CheckBox
  android:id="@+id/checkBoxExample"
android:layout_width="wrap_content"
android:layout height="wrap content"
                                      android:text="Check
me" />
<Spinner
android:id="@+id/spinnerExample"
android:layout width="match parent"
  android:layout height="wrap content"/>
<ProgressBar
android:id="@+id/progressBarExample"
style="?android:attr/progressBarStyleHorizontal"
android:layout width="match parent"
android:layout height="wrap content"
android:progress="50"/>
<Switch
android:id="@+id/switchExample2"
android:layout width="wrap content"
android:layout height="wrap content"
android:text="Switch me" /> <ToggleButton
  android:id="@+id/toggleButtonExample"
android:layout width="wrap content"
android:layout height="wrap content"
android:textOn="ON"
                       android:textOff="OFF"
/>
< AutoCompleteTextView
android:id="@+id/autoCompleteTextViewExample"
android:layout width="match parent"
android:layout height="wrap content"
```

```
android:hint="Type here" />
   </androidx.constraintlayout.widget.ConstraintLayout>
   Java Code:-
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle; import
android.view.View; import
android.widget.CheckBox; import
android.widget.Toast;
public class MainActivity extends AppCompatActivity {
  CheckBox ch, ch1, ch2, ch3;
  @Override
  protected void onCreate(Bundle savedInstanceState) {
super.onCreate(savedInstanceState);
                                       setContentView(R.layout.activity main);
    ch=(CheckBox)findViewById(R.id.checkBox);
    ch1=(CheckBox)findViewById(R.id.checkBox2);
    ch2=(CheckBox)findViewById(R.id.checkBox3);
    ch3=(CheckBox)findViewById(R.id.checkBox4);
  public void Check(View v)
  {
    String msg="";
    if(ch.isChecked())
      msg = msg + "Painting";
    if(ch1.isChecked())
      msg = msg + "Reading";
    if(ch2.isChecked())
```

```
msg = msg + " Singing ";

if(ch3.isChecked())

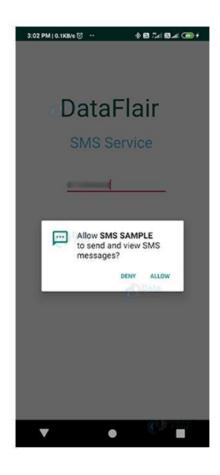
msg = msg + " Cooking ";

Toast.makeText(this, msg + "are selected",

Toast.LENGTH_LONG).show();
}
```

2. **OUTPUT:**









3. Learning Outcomes:

- Successful USE of your Android development environment.
- Project Workspace.
- Configuration button Completion.
- How to add new Intent.