

# **20MCA243 MOBILE APPLICATION DEVELOPMENT**

## **LAB**

### **INTERNAL EXAM**

#### **Gas Booking APP**

activity_main.xml	<pre>&lt;?xml version="1.0" encoding="utf-8"?&gt; &lt;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"&gt;  &lt;TextView     android:id="@+id/textView"     android:layout_width="415dp"     android:layout_height="54dp"     android:background="#009688"     android:text="BOOK NOW"     android:textAlignment="center"     android:textSize="30sp"     android:textStyle="bold italic"     app:layout_constraintBottom_toBottomOf="parent"     app:layout_constraintEnd_toEndOf="parent"     app:layout_constraintStart_toStartOf="parent"     app:layout_constraintTop_toTopOf="parent"     app:layout_constraintVertical_bias="0.002" /&gt;  &lt;TextView     android:id="@+id/textView2"     android:layout_width="152dp"     android:layout_height="31dp"     android:background="#009688"     android:text="Distributor Code"     android:textAlignment="center"     android:textColor="#FFFFFF"     android:textSize="18sp"     android:textStyle="bold"     app:layout_constraintBottom_toBottomOf="parent"     app:layout_constraintEnd_toEndOf="parent"     app:layout_constraintHorizontal_bias="0.129"     app:layout_constraintStart_toStartOf="parent"     app:layout_constraintTop_toTopOf="@+id/textView"     app:layout_constraintVertical_bias="0.218" /&gt;</pre>
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```
<TextView
    android:id="@+id/textView3"
    android:layout_width="152dp"
    android:layout_height="32dp"
    android:background="#009688"
    android:text="Consumer Code"
    android:textAlignment="center"
    android:textColor="#FFFFFF"
    android:textSize="18sp"
    android:textStyle="bold"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.128"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="@+id/textView"
    app:layout_constraintVertical_bias="0.311" />
```

```
<TextView
    android:id="@+id/textView4"
    android:layout_width="156dp"
    android:layout_height="31dp"
    android:background="#009688"
    android:text="Mobile No."
    android:textAlignment="center"
    android:textColor="#FFFFFF"
    android:textSize="18sp"
    android:textStyle="bold"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.126"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="@+id/textView"
    app:layout_constraintVertical_bias="0.4" />
```

```
<EditText
    android:id="@+id/dno"
    android:layout_width="191dp"
    android:layout_height="42dp"
    android:ems="10"
    android:inputType="textPersonName"
    android:textSize="16sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.886"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.207" />
```

```
<EditText
    android:id="@+id/cons"
```

	<pre> android:layout_width="191dp" android:layout_height="42dp" android:ems="10" android:inputType="textPersonName" android:textSize="16sp" app:layout_constraintBottom_toBottomOf="parent" app:layout_constraintEnd_toEndOf="parent" app:layout_constraintHorizontal_bias="0.886" app:layout_constraintStart_toStartOf="parent" app:layout_constraintTop_toTopOf="parent" app:layout_constraintVertical_bias="0.303" /&gt;  &lt;EditText     android:id="@+id/mob"     android:layout_width="191dp"     android:layout_height="42dp"     android:ems="10"     android:inputType="textPersonName"     android:textSize="16sp"     app:layout_constraintBottom_toBottomOf="parent"     app:layout_constraintEnd_toEndOf="parent"     app:layout_constraintHorizontal_bias="0.886"     app:layout_constraintStart_toStartOf="parent"     app:layout_constraintTop_toTopOf="parent"     app:layout_constraintVertical_bias="0.391" /&gt;  &lt;Button     android:id="@+id/btn"     android:layout_width="wrap_content"     android:layout_height="wrap_content"     android:text="Submit"     app:layout_constraintBottom_toBottomOf="parent"     app:layout_constraintEnd_toEndOf="parent"     app:layout_constraintHorizontal_bias="0.533"     app:layout_constraintStart_toStartOf="parent"     app:layout_constraintTop_toTopOf="parent"     app:layout_constraintVertical_bias="0.601" /&gt; &lt;/androidx.constraintlayout.widget.ConstraintLayout&gt; </pre>
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<b>activity_details.xml</b>	<pre> &lt;?xml version="1.0" encoding="utf-8"?&gt; &lt;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" </pre>
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```
tools:context=".Details">
```

```
<TextView
    android:id="@+id/textView5"
    android:layout_width="415dp"
    android:layout_height="54dp"
    android:background="#FFFFFF"
    android:text="Booked Successfully!!"
    android:textAlignment="center"
    android:textColor="#FF0000"
    android:textSize="30sp"
    android:textStyle="bold|italic"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="1.0"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.093" />
```

```
<TextView
    android:id="@+id/textView9"
    android:layout_width="185dp"
    android:layout_height="39dp"
    android:background="#009688"
    android:text="Distributed code"
    android:textAlignment="center"
    android:textColor="#000000"
    android:textSize="18sp"
    android:textStyle="bold|italic"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.07"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.365" />
```

```
<TextView
    android:id="@+id/textView10"
    android:layout_width="185dp"
    android:layout_height="39dp"
    android:background="#009688"
    android:text="Consumer Code"
    android:textAlignment="center"
    android:textColor="#000000"
    android:textSize="18sp"
    android:textStyle="bold|italic"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.07"
    app:layout_constraintStart_toStartOf="parent"
```

```
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.281" />
```

```
<TextView
    android:id="@+id/textView8"
    android:layout_width="185dp"
    android:layout_height="39dp"
    android:background="#009688"
    android:text="Mobile No."
    android:textAlignment="center"
    android:textColor="#000000"
    android:textSize="18sp"
    android:textStyle="bold|italic"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.07"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.452" />
```

```
<EditText
    android:id="@+id/dno"
    android:layout_width="195dp"
    android:layout_height="49dp"
    android:ems="10"
    android:inputType="textPersonName"
    android:textAlignment="center"
    android:textColor="#000000"
    android:textSize="18sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="1.0"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.343" />
```

```
<EditText
    android:id="@+id/m"
    android:layout_width="195dp"
    android:layout_height="49dp"
    android:ems="10"
    android:inputType="textPersonName"
    android:textAlignment="center"
    android:textColor="#000000"
    android:textSize="18sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="1.0"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
```

```
app:layout_constraintVertical_bias="0.428" />
```

```
<EditText  
    android:id="@+id/cons"  
    android:layout_width="195dp"  
    android:layout_height="49dp"  
    android:ems="10"  
    android:inputType="textPersonName"  
    android:textAlignment="center"  
    android:textColor="#000000"  
    android:textSize="18sp"  
    app:layout_constraintBottom_toBottomOf="parent"  
    app:layout_constraintEnd_toEndOf="parent"  
    app:layout_constraintHorizontal_bias="1.0"  
    app:layout_constraintStart_toStartOf="parent"  
    app:layout_constraintTop_toTopOf="parent"  
    app:layout_constraintVertical_bias="0.269" />
```

```
<TextView  
    android:id="@+id/textView13"  
    android:layout_width="228dp"  
    android:layout_height="45dp"  
    android:text="Thank You"  
    android:textAlignment="center"  
    android:textColor="#009688"  
    android:textSize="20sp"  
    android:textStyle="bold|italic"  
    app:layout_constraintBottom_toBottomOf="parent"  
    app:layout_constraintEnd_toEndOf="parent"  
    app:layout_constraintHorizontal_bias="0.562"  
    app:layout_constraintStart_toStartOf="parent"  
    app:layout_constraintTop_toTopOf="parent"  
    app:layout_constraintVertical_bias="0.715" />
```

```
<TextView  
    android:id="@+id/textView14"  
    android:layout_width="148dp"  
    android:layout_height="31dp"  
    android:text="HI, arun"  
    android:textColor="#009688"  
    android:textSize="20sp"  
    android:textStyle="bold|italic"  
    app:layout_constraintBottom_toBottomOf="parent"  
    app:layout_constraintEnd_toEndOf="parent"  
    app:layout_constraintHorizontal_bias="0.498"  
    app:layout_constraintStart_toStartOf="parent"  
    app:layout_constraintTop_toTopOf="parent"  
    app:layout_constraintVertical_bias="0.195" />
```

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

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MainActivity.java	<pre> package com.example.gasbookingapp;  import androidx.appcompat.app.AppCompatActivity;  import android.content.Intent; import android.os.Bundle; import android.view.View; import android.widget.Button; import android.widget.EditText;  public class MainActivity extends AppCompatActivity {     Button btn;     EditText dno,cons,mob;     @Override     protected void onCreate(Bundle savedInstanceState) {         super.onCreate(savedInstanceState);         setContentView(R.layout.activity_main);          btn = (Button) findViewById(R.id.btn);          btn.setOnClickListener(new View.OnClickListener() {             @Override             public void onClick(View v) {                  EditText edt1 = (EditText) findViewById(R.id.dno);                 EditText edt2 = (EditText) findViewById(R.id.cons);                 EditText edt3 = (EditText) findViewById(R.id.mob);                  String value1 = edt1.getText().toString();                 String value2 = edt2.getText().toString();                 String value3 = edt3.getText().toString();                 Intent i = new Intent(MainActivity.this, Details.class);                 i.putExtra("key1", value1);                 i.putExtra("key2", value2);                 i.putExtra("key3", value3);                 startActivity(i);             }         });     } } </pre>
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<b>Details.java</b>	<pre>package com.example.gasbookingapp;  import androidx.appcompat.app.AppCompatActivity;  import android.content.Intent; import android.os.Bundle; import android.widget.TextView;  public class Details extends AppCompatActivity {     String dno,cons,mob;     TextView d,c,m;     @Override     protected void onCreate(Bundle savedInstanceState) {         super.onCreate(savedInstanceState);         setContentView(R.layout.activity_details);         d=findViewById(R.id.dno);         c=findViewById(R.id.cons);         m=findViewById(R.id.m);         Intent i =getIntent();         Bundle b=i.getExtras();         dno=b.getString("key1");         cons=b.getString("key2");         mob=b.getString("key3");         d.setText(dno);         c.setText(cons);         m.setText(mob);     } }</pre>
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## OUTPUT:

12:20

GasBookingApp

**BOOK NOW**

Distributor Code

Consumer Code

Mobile No.

**SUBMIT**

12:21

GasBookingApp

**Booked Successfully!!**

Hi, arun

Consumer Code	879456
Distributed code	124656
Mobile No.	3214569875

Thank You