

CSE224: Fundamentals of Android

CA-3

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Github link: <https://github.com/Sudeep-kr-1999/Android-CA3-LPU.git>

Problem-1 Solution

XML Codes

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:id="@+id/parentLayout"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@color/OptionWhite"
    android:outlineSpotShadowColor="@color/black"
    tools:context=".MainActivity">

    <androidx.constraintlayout.widget.ConstraintLayout
        android:id="@+id/constraintLayout2"
        android:layout_width="0dp"
        android:layout_height="150dp"
        android:background="@drawable/home_bg"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.0"
```

```
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.0">
```

```
<TextView
```

```
    android:id="@+id/textView"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="16dp"
    android:layout_marginTop="24dp"
    android:fontFamily="@font/rubik"
    android:text="@string/findYour"
    android:textColor="#FFFFFFFF"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent" />
```

```
<TextView
```

```
    android:id="@+id/textView2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="16dp"
    android:layout_marginTop="8dp"
    android:fontFamily="@font/rubik_medium"
    android:text="@string/NextMovie"
    android:textColor="#FFFFFFFF"
    android:textColorHint="#FFFFFFFF"
    android:textColorLink="#FFFFFFFF"
    android:textSize="20sp"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/textView" />
```

```
<ImageView
```

```
    android:id="@+id/imageView"
    android:layout_width="51dp"
```

```
android:layout_height="49dp"
android:layout_marginTop="24dp"
android:layout_marginEnd="16dp"
app:layout_constraintBottom_toBottomOf="@+id/textView2"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintTop_toTopOf="@+id/textView"
app:layout_constraintVertical_bias="0.842"
app:srcCompat="@drawable/profile" />
```

<TextView

```
android:id="@+id/textView5"
android:layout_width="0dp"
android:layout_height="wrap_content"
android:fontFamily="@font/roboto_bold"
android:text="@string/MovieMania"
android:textAlignment="center"
android:textColor="@color/white"
android:textSize="30sp"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="@+id/imageView"
app:layout_constraintStart_toStartOf="@+id/textView2"
app:layout_constraintTop_toBottomOf="@+id/textView2" />
```

</androidx.constraintlayout.widget.ConstraintLayout>

<EditText

```
android:id="@+id/editTextTextPersonName"
android:layout_width="0dp"
android:layout_height="50dp"
android:layout_marginStart="16dp"
android:layout_marginTop="8dp"
android:layout_marginEnd="16dp"
android:background="@drawable/search_bg"
android:drawableStart="@drawable/ic_search_black_24dp"
```

```
android:ems="10"
android:hint="@string/EnterMovie"
android:inputType="text"
android:outlineAmbientShadowColor="@color/black"
android:outlineSpotShadowColor="#0C0C0C"
android:paddingStart="16dp"
android:shadowColor="@color/black"
android:singleLine="true"
android:textColor="@color/black"
android:textColorHint="@color/black"
android:textColorLink="@color/black"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.58"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toBottomOf="@+id/constraintLayout2" />
```

<TextView

```
android:id="@+id/textView3"
android:layout_width="0dp"
android:layout_height="40dp"
android:layout_marginStart="16dp"
android:layout_marginTop="8dp"
android:layout_marginEnd="16dp"
android:fontFamily="@font/roboto_bold"
android:textAlignment="center"
android:textColor="@color/red"
android:textSize="30sp"
app:layout_constraintEnd_toEndOf="@+id/editTextTextPersonName"
app:layout_constraintHorizontal_bias="0.0"
app:layout_constraintStart_toStartOf="@+id/editTextTextPersonName"
app:layout_constraintTop_toBottomOf="@+id/editTextTextPersonName" />
```

<EditText

```
android:id="@+id/editTextTextPersonName2"
```

```
android:layout_width="0dp"
android:layout_height="40dp"
android:layout_marginTop="8dp"
android:background="@drawable/edittext_bg"
android:ems="10"
android:fontFamily="@font/roboto_bold"
android:hint="@string/enterYourName"
android:inputType="textPersonName"
android:paddingStart="10dp"
android:textColor="@color/black"
android:textColorHint="@color/gray"
android:textCursorDrawable="@color/purple_500"
app:layout_constraintEnd_toEndOf="@+id/textView3"
app:layout_constraintStart_toStartOf="@+id/textView3"
app:layout_constraintTop_toBottomOf="@+id/textView3" />
```

<EditText

```
android:id="@+id/editTextTextEmailAddress"
android:layout_width="0dp"
android:layout_height="40dp"
android:layout_marginTop="8dp"
android:background="@drawable/edittext_bg"
android:ems="10"
android:fontFamily="@font/roboto_bold"
android:hint="@string/enterEmail"
android:inputType="textEmailAddress"
android:paddingStart="10dp"
android:textColor="@color/black"
android:textColorHint="@color/gray"
android:textCursorDrawable="@color/purple_700"
app:layout_constraintEnd_toEndOf="@+id/editTextPhone"
app:layout_constraintStart_toStartOf="@+id/editTextPhone"
app:layout_constraintTop_toBottomOf="@+id/editTextPhone" />
```

<EditText

```
    android:id="@+id/editTextTextPersonName3"
    android:layout_width="0dp"
    android:layout_height="40dp"
    android:layout_marginTop="8dp"
    android:background="@drawable/edittext_bg"
    android:ems="10"
    android:fontFamily="@font/roboto_bold"
    android:hint="@string/theatrenamewithAddress"
    android:inputType="textPersonName"
    android:paddingStart="10dp"
    android:textColor="@color/black"
    android:textColorHint="@color/gray"
    android:textCursorDrawable="@color/purple_700"
    app:layout_constraintEnd_toEndOf="@+id/editTextTextEmailAddress"
    app:layout_constraintStart_toStartOf="@+id/editTextTextEmailAddress"
    app:layout_constraintTop_toBottomOf="@+id/editTextTextEmailAddress" />
```

<EditText

```
    android:id="@+id/editTextPhone"
    android:layout_width="0dp"
    android:layout_height="40dp"
    android:layout_marginTop="8dp"
    android:background="@drawable/edittext_bg"
    android:ems="10"
    android:fontFamily="@font/roboto_bold"
    android:hint="@string/enterYourPhone"
    android:inputType="phone"
    android:paddingStart="10dp"
    android:textColor="@color/black"
    android:textColorHint="@color/gray"
    android:textCursorDrawable="@color/purple_700"
    app:layout_constraintEnd_toEndOf="@+id/editTextTextPersonName2"
    app:layout_constraintStart_toStartOf="@+id/editTextTextPersonName2"
```

```
app:layout_constraintTop_toBottomOf="@+id/editTextTextPersonName2" />
```

```
<EditText
```

```
    android:id="@+id/editTextDate"
    android:layout_width="120dp"
    android:layout_height="40dp"
    android:layout_marginTop="8dp"
    android:background="@drawable/edittext_bg"
    android:ems="10"
    android:fontFamily="@font/roboto_bold"
    android:hint="@string/showDate"
    android:inputType="date"
    android:textAlignment="center"
    android:textColor="@color/black"
    android:textColorHint="@color/gray"
    android:textCursorDrawable="@color/purple_700"
    app:layout_constraintStart_toStartOf="@+id/editTextTextPersonName3"
    app:layout_constraintTop_toBottomOf="@+id/editTextTextPersonName3" />
```

```
<EditText
```

```
    android:id="@+id/editTextTime"
    android:layout_width="132dp"
    android:layout_height="39dp"
    android:layout_marginStart="12dp"
    android:background="@drawable/edittext_bg"
    android:ems="10"
    android:fontFamily="@font/roboto_bold"
    android:hint="@string/showTime"
    android:inputType="time"
    android:paddingStart="10dp"
    android:textAlignment="center"
    android:textColor="@color/black"
    android:textColorHint="@color/gray"
    android:textCursorDrawable="@color/purple_700"
```

```
app:layout_constraintStart_toEndOf="@+id/editTextDate"
app:layout_constraintTop_toTopOf="@+id/editTextDate" />
```

<RadioGroup

```
    android:id="@+id/radioGroup"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="8dp"
    android:orientation="horizontal"
    app:layout_constraintEnd_toEndOf="@+id/textView4"
    app:layout_constraintStart_toStartOf="@+id/textView4"
    app:layout_constraintTop_toBottomOf="@+id/textView4">
```

<RadioButton

```
    android:id="@+id/radioButton"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:fontFamily="@font/roboto_bold"
    android:text="@string/gold"
    android:textColor="@color/purple_700" />
```

<RadioButton

```
    android:id="@+id/radioButton4"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:fontFamily="@font/roboto_bold"
    android:text="@string/silver"
    android:textColor="@color/purple_700" />
```

<RadioButton

```
    android:id="@+id/radioButton6"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_weight="1"
```



```
android:fontFamily="@font/roboto_bold"
android:text="@string/diamond"
android:textColor="@color/purple_700" />
```

<RadioButton

```
android:id="@+id/radioButton7"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_weight="1"
android:fontFamily="@font/roboto_bold"
android:text="@string/platinum"
android:textColor="@color/purple_700" />
```

</RadioGroup>

<TextView

```
android:id="@+id/textView4"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_marginTop="8dp"
android:fontFamily="@font/roboto_bold"
android:text="@string/sittingArrangement"
android:textColor="@android:color/holo_green_light"
android:textSize="20dp"
app:layout_constraintEnd_toEndOf="@+id/spinner2"
app:layout_constraintStart_toStartOf="@+id/editTextDate"
app:layout_constraintTop_toBottomOf="@+id/editTextDate" />
```

<EditText

```
android:id="@+id/editTextNumber"
android:layout_width="0dp"
android:layout_height="40dp"
android:layout_marginTop="8dp"
android:background="@drawable/edittext_bg"
android:ems="10"
```

```
android:fontFamily="@font/roboto_bold"
android:hint="@string/totalCount"
android:inputType="number"
android:paddingStart="10dp"
android:textAlignment="center"
android:textColor="@color/black"
android:textColorHint="@color/gray"
app:layout_constraintEnd_toEndOf="@+id/radioGroup"
app:layout_constraintStart_toStartOf="@+id/radioGroup"
app:layout_constraintTop_toBottomOf="@+id/radioGroup" />
```

<CheckBox

```
android:id="@+id/checkbox"
android:layout_width="308dp"
android:layout_height="23dp"
android:layout_marginTop="8dp"
android:fontFamily="@font/rubik_medium"
android:text="@string/agreeTandC"
android:textColor="@color/black"
app:layout_constraintEnd_toEndOf="@+id/editTextNumber"
app:layout_constraintHorizontal_bias="0.0"
app:layout_constraintStart_toStartOf="@+id/editTextNumber"
app:layout_constraintTop_toBottomOf="@+id/editTextNumber" />
```

<Button

```
android:id="@+id/button2"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_marginTop="8dp"
android:layout_marginBottom="32dp"
android:background="@drawable/button_bg"
android:fontFamily="@font/roboto_bold"
android:outlineAmbientShadowColor="@color/white"
android:outlineSpotShadowColor="@color/white"
```

```
android:shadowColor="@color/black"
android:text="@string/submit"
android:textColor="@color/white"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.498"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toBottomOf="@+id/checkbox"
app:layout_constraintVertical_bias="0.058" />
```

<Spinner

```
android:id="@+id/spinner2"
android:layout_width="74dp"
android:layout_height="37dp"
android:background="@drawable/search_bg"
android:dropDownSelector="@android:color/holo_green_dark"
android:textAlignment="center"
app:layout_constraintBottom_toBottomOf="@+id/editTextTime"
app:layout_constraintEnd_toEndOf="@+id/editTextTextPersonName3"
app:layout_constraintHorizontal_bias="1.0"
app:layout_constraintStart_toEndOf="@+id/editTextTime"
app:layout_constraintTop_toTopOf="@+id/editTextTime"
app:layout_constraintVertical_bias="0.0"
tools:visibility="visible" />
```

</androidx.constraintlayout.widget.ConstraintLayout>

activity_payment.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"
```

```
android:id="@+id/paymentLayout"
```

```
tools:context=".PaymentActivity">
```

```
<androidx.constraintlayout.widget.ConstraintLayout
```

```
android:id="@+id/constraintLayout"
```

```
android:layout_width="match_parent"
```

```
android:layout_height="0dp"
```

```
android:background="@drawable/home_bg"
```

```
app:layout_constraintEnd_toEndOf="parent"
```

```
app:layout_constraintHorizontal_bias="0.0"
```

```
app:layout_constraintStart_toStartOf="parent"
```

```
app:layout_constraintTop_toTopOf="parent">
```

```
<TextView
```

```
android:id="@+id/textView6"
```

```
android:layout_width="wrap_content"
```

```
android:layout_height="wrap_content"
```

```
android:layout_marginStart="16dp"
```

```
android:layout_marginTop="24dp"
```

```
android:fontFamily="@font/rubik"
```

```
android:text="@string/findYour"
```

```
android:textColor="@color/white"
```

```
android:textSize="18sp"
```

```
app:layout_constraintStart_toStartOf="parent"
```

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

```
<TextView
```

```
android:id="@+id/textView7"
```

```
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_marginTop="12dp"
android:fontFamily="@font/roboto_bold"
android:text="@string/NextMovie"
android:textColor="@color/white"
android:textSize="20sp"
app:layout_constraintEnd_toEndOf="@+id/textView6"
app:layout_constraintHorizontal_bias="0.0"
app:layout_constraintStart_toStartOf="@+id/textView6"
app:layout_constraintTop_toBottomOf="@+id/textView6" />
```

<ImageView

```
android:id="@+id/imageView2"
android:layout_width="59dp"
android:layout_height="59dp"
android:layout_marginEnd="16dp"
app:layout_constraintBottom_toBottomOf="@+id/textView7"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintTop_toTopOf="@+id/textView6"
app:srcCompat="@drawable/profile" />
```

<TextView

```
android:id="@+id/textView8"
android:layout_width="0dp"
android:layout_height="wrap_content"
android:layout_marginTop="8dp"
android:layout_marginBottom="8dp"
android:fontFamily="@font/roboto_bold"
android:text="@string/movieMaiaPayment"
android:textAlignment="center"
android:textColor="@color/white"
android:textSize="20sp"
app:layout_constraintBottom_toBottomOf="parent"
```

```
app:layout_constraintEnd_toEndOf="@+id/imageView2"
app:layout_constraintHorizontal_bias="0.0"
app:layout_constraintStart_toStartOf="@+id/textView7"
app:layout_constraintTop_toBottomOf="@+id/textView7"
app:layout_constraintVertical_bias="0.0" />
```

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

```
<androidx.constraintlayout.widget.ConstraintLayout
    android:layout_width="match_parent"
    android:id="@+id/innerConstraint2"
    android:layout_height="0dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.0"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/constraintLayout"
    app:layout_constraintVertical_bias="0.027">
```

```
<TextView
    android:id="@+id/textView9"
    android:layout_width="0dp"
    android:layout_height="wrap_content"
    android:layout_marginStart="16dp"
    android:layout_marginTop="8dp"
    android:layout_marginEnd="16dp"
    android:fontFamily="@font/roboto_bold"
    android:textAlignment="center"
    android:textColor="@color/red"
    android:textSize="24sp"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.498"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent" />
```

```
<TextView
    android:id="@+id/textView10"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="4dp"
    android:fontFamily="@font/rubik"
    android:text="@string/paymentName"
    android:textColor="@color/black"
    app:layout_constraintEnd_toEndOf="@+id/textView13"
    app:layout_constraintHorizontal_bias="0.0"
    app:layout_constraintStart_toStartOf="@+id/textView9"
    app:layout_constraintTop_toBottomOf="@+id/textView9" />
```

```
<TextView
    android:id="@+id/textView11"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="8dp"
    android:fontFamily="@font/rubik"
    android:text="@string/paymentPhone"
    android:textColor="@color/black"
    app:layout_constraintEnd_toEndOf="@+id/textView13"
    app:layout_constraintHorizontal_bias="0.0"
    app:layout_constraintStart_toStartOf="@+id/textView18"
    app:layout_constraintTop_toBottomOf="@+id/textView18" />
```

```
<TextView
    android:id="@+id/textView12"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="12dp"
    android:fontFamily="@font/rubik"
    android:text="@string/paymentemailAddress"
```

```
android:textColor="@color/black"
app:layout_constraintEnd_toEndOf="@+id/textView13"
app:layout_constraintHorizontal_bias="0.0"
app:layout_constraintStart_toStartOf="@+id/textView19"
app:layout_constraintTop_toBottomOf="@+id/textView19" />
```

<TextView

```
android:id="@+id/textView13"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_marginTop="8dp"
android:fontFamily="@font/rubik"
android:text="@string/paymenttheatrenameAddress"
android:textColor="@color/black"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.069"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toBottomOf="@+id/textView20" />
```

<TextView

```
android:id="@+id/textView14"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_marginTop="8dp"
android:fontFamily="@font/rubik"
android:text="@string/paymentShowDate"
android:textColor="@color/black"
app:layout_constraintEnd_toEndOf="@+id/textView13"
app:layout_constraintHorizontal_bias="0.0"
app:layout_constraintStart_toStartOf="@+id/textView21"
app:layout_constraintTop_toBottomOf="@+id/textView21" />
```

<TextView

```
android:id="@+id/textView15"
```



```
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_marginTop="8dp"
android:fontFamily="@font/rubik"
android:text="@string/paymentShowTime"
android:textColor="@color/black"
app:layout_constraintEnd_toEndOf="@+id/textView13"
app:layout_constraintHorizontal_bias="0.0"
app:layout_constraintStart_toStartOf="@+id/textView22"
app:layout_constraintTop_toBottomOf="@+id/textView22" />
```

<TextView

```
android:id="@+id/textView16"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_marginTop="8dp"
android:fontFamily="@font/rubik"
android:text="@string/paymentCategory"
android:textColor="@color/black"
app:layout_constraintEnd_toEndOf="@+id/textView13"
app:layout_constraintHorizontal_bias="0.0"
app:layout_constraintStart_toStartOf="@+id/textView23"
app:layout_constraintTop_toBottomOf="@+id/textView23" />
```

<TextView

```
android:id="@+id/textView17"
android:layout_width="76dp"
android:layout_height="16dp"
android:layout_marginTop="8dp"
android:layout_marginEnd="108dp"
android:fontFamily="@font/rubik"
android:text="@string/paymentTotalSeats"
android:textColor="@color/black"
app:layout_constraintEnd_toEndOf="@+id/textView13"
```

```
app:layout_constraintHorizontal_bias="0.0"  
app:layout_constraintStart_toStartOf="@+id/textView24"  
app:layout_constraintTop_toBottomOf="@+id/textView24" />
```

<TextView

```
android:id="@+id/textView18"  
android:layout_width="0dp"  
android:layout_height="wrap_content"  
android:layout_marginTop="8dp"  
android:fontFamily="@font/roboto_bold"  
android:textColor="@color/purple_700"  
android:textSize="20sp"  
app:layout_constraintEnd_toEndOf="@+id/textView9"  
app:layout_constraintStart_toStartOf="@+id/textView10"  
app:layout_constraintTop_toBottomOf="@+id/textView10" />
```

<TextView

```
android:id="@+id/textView19"  
android:layout_width="0dp"  
android:layout_height="wrap_content"  
android:layout_marginTop="8dp"  
android:fontFamily="@font/roboto_bold"  
android:textColor="@color/purple_700"  
android:textSize="20sp"  
app:layout_constraintEnd_toEndOf="@+id/textView18"  
app:layout_constraintHorizontal_bias="0.0"  
app:layout_constraintStart_toStartOf="@+id/textView11"  
app:layout_constraintTop_toBottomOf="@+id/textView11" />
```

<TextView

```
android:id="@+id/textView20"  
android:layout_width="0dp"  
android:layout_height="wrap_content"  
android:layout_marginTop="8dp"
```

```
android:fontFamily="@font/roboto_bold"
android:textColor="@color/purple_700"
android:textSize="20sp"
app:layout_constraintEnd_toEndOf="@+id/textView19"
app:layout_constraintStart_toStartOf="@+id/textView12"
app:layout_constraintTop_toBottomOf="@+id/textView12" />
```

<TextView

```
android:id="@+id/textView21"
android:layout_width="0dp"
android:layout_height="wrap_content"
android:layout_marginTop="8dp"
android:fontFamily="@font/roboto_bold"
android:textColor="@color/purple_700"
android:textSize="20sp"
app:layout_constraintEnd_toEndOf="@+id/textView20"
app:layout_constraintHorizontal_bias="1.0"
app:layout_constraintStart_toStartOf="@+id/textView20"
app:layout_constraintTop_toBottomOf="@+id/textView13" />
```

<TextView

```
android:id="@+id/textView22"
android:layout_width="0dp"
android:layout_height="wrap_content"
android:layout_marginTop="4dp"
android:fontFamily="@font/roboto_bold"
android:textColor="@color/purple_700"
android:textSize="20sp"
app:layout_constraintEnd_toEndOf="@+id/textView21"
app:layout_constraintHorizontal_bias="0.0"
app:layout_constraintStart_toStartOf="@+id/textView14"
app:layout_constraintTop_toBottomOf="@+id/textView14" />
```

<TextView

```
android:id="@+id/textView23"
android:layout_width="0dp"
android:layout_height="wrap_content"
android:layout_marginTop="4dp"
android:fontFamily="@font/roboto_bold"
android:textColor="@color/purple_700"
android:textSize="20sp"
app:layout_constraintEnd_toEndOf="@+id/textView22"
app:layout_constraintHorizontal_bias="0.0"
app:layout_constraintStart_toStartOf="@+id/textView15"
app:layout_constraintTop_toBottomOf="@+id/textView15" />
```

<TextView

```
android:id="@+id/textView24"
android:layout_width="0dp"
android:layout_height="wrap_content"
android:layout_marginTop="8dp"
android:fontFamily="@font/roboto_bold"
android:textColor="@color/purple_700"
android:textSize="20sp"
app:layout_constraintEnd_toEndOf="@+id/textView23"
app:layout_constraintHorizontal_bias="0.0"
app:layout_constraintStart_toStartOf="@+id/textView16"
app:layout_constraintTop_toBottomOf="@+id/textView16" />
```

<TextView

```
android:id="@+id/textView25"
android:layout_width="0dp"
android:layout_height="wrap_content"
android:layout_marginTop="8dp"
android:fontFamily="@font/roboto_bold"
android:textColor="@color/purple_700"
android:textSize="20sp"
app:layout_constraintEnd_toEndOf="@+id/textView24"
```

```
app:layout_constraintHorizontal_bias="0.0"
app:layout_constraintStart_toStartOf="@+id/textView17"
app:layout_constraintTop_toBottomOf="@+id/textView17" />
```

<Button

```
android:id="@+id/button"
android:layout_width="0dp"
android:layout_height="wrap_content"
android:layout_marginTop="8dp"
android:layout_marginEnd="52dp"
android:background="@drawable/book_button_bg"
android:fontFamily="@font/roboto_bold"
android:textColor="@color/white"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toStartOf="@+id/button3"
app:layout_constraintHorizontal_bias="0.602"
app:layout_constraintStart_toStartOf="@+id/textView25"
app:layout_constraintTop_toBottomOf="@+id/textView25"
app:layout_constraintVertical_bias="0.058" />
```

<Button

```
android:id="@+id/button3"
android:layout_width="161dp"
android:layout_height="50dp"
android:background="@drawable/book_button_bg"
android:fontFamily="@font/roboto_bold"
android:text="@string/paymentCancel"
android:textColor="@color/white"
app:layout_constraintBottom_toBottomOf="@+id/button"
app:layout_constraintEnd_toEndOf="@+id/textView25"
app:layout_constraintTop_toTopOf="@+id/button"
app:layout_constraintVertical_bias="0.0" />
```

</androidx.constraintlayout.widget.ConstraintLayout>

</androidx.constraintlayout.widget.ConstraintLayout>

option_menu.xml

```
<?xml version="1.0" encoding="utf-8"?>
<menu xmlns:android="http://schemas.android.com/apk/res/android">
    <item android:id="@+id/optionGray" android:title="@string/bakcgroundgray"/>
    <item android:id="@+id/optionlightBrown" android:title="@string/backgroundLightBrown"/>
    <item android:id="@+id/optionwhite" android:title="@string/backgroundwhite"/>
</menu>
```

popup_menu.xml

```
<?xml version="1.0" encoding="utf-8"?>
<menu xmlns:android="http://schemas.android.com/apk/res/android">
    <item android:id="@+id/paymentUPI" android:title="@string/option1"/>
    <item android:id="@+id/paymentNetBanking" android:title="@string/option2"/>
    <item android:id="@+id/creditCard" android:title="@string/option3"/>
    <item android:id="@+id/paymentDebitCard" android:title="@string/option4"/>
</menu>
```

button_bg.xml

```
<?xml version="1.0" encoding="utf-8"?>
<shape xmlns:android="http://schemas.android.com/apk/res/android" android:shape="rectangle">
    <gradient android:startColor="@color/black" android:endColor="@color/black"/>
    <corners android:radius="100dp"/>
    <stroke android:color="@color/white" android:width="2dp"/>
</shape>
```

edittext_bg.xml

```
<?xml version="1.0" encoding="utf-8"?>
<shape xmlns:android="http://schemas.android.com/apk/res/android"
    android:shape="rectangle">
    <corners android:radius="10dp"/>
    <stroke android:width="1dp" android:color="@color/black"/>
</shape>
```

colors.xml

```
<?xml version="1.0" encoding="utf-8"?>
<resources>
    <color name="purple_200">#FFBB86FC</color>
    <color name="purple_500">#FF6200EE</color>
    <color name="purple_700">#FF3700B3</color>
    <color name="teal_200">#FF03DAC5</color>
    <color name="teal_700">#FF018786</color>
    <color name="black">#FF000000</color>
    <color name="white">#FFFFFFFF</color>
    <color name="gray">#808080</color>
    <color name="red">#FF0501</color>
    <color name="background">#EAF2F8</color>
    <color name="gold">#FFD700</color>
    <color name="silver">#C0C0C0</color>
    <color name="diamond">#B9F2FF</color>
    <color name="platinum">#E5E4E2</color>
    <color name="actionBackground">#6169A4</color>
    <color name="OptionWhite">#FDFEFE</color>
    <color name="OptionGray">#D5D8DC</color>
    <color name="OptionLightBrown">#F9E79F</color>
</resources>
```

spinner_item.xml

```
<?xml version="1.0" encoding="utf-8"?>
<resources>
    <string-array name="timeMeradian">
        <item>AM</item>
        <item>PM</item>
    </string-array>
</resources>
```

strings.xml

<resources>

```
<string name="app_name">CA3</string>
<string name="title_activity_main2">MainActivity2</string>
<string name="hello_world">Hello Square World!</string>
<string name="findYour">Find Your</string>
<string name="NextMovie">Next Movie</string>
<string name="MovieMania">Movie Mania</string>
<string name="EnterMovie">Enter Movie</string>
<string name="enterYourName">Enter Your Name</string>
<string name="enterYourPhone">Enter Your Mobile Number</string>
<string name="enterEmail">Enter Your Email Address</string>
<string name="theatrenamewithAddress">Theatre Name With Address</string>
<string name="showDate">Show Date</string>
<string name="showTime">Show Time</string>
<string name="sittingArrangement">Sitting Arrangement</string>
<string name="gold">Gold</string>
<string name="silver">Silver</string>
<string name="diamond">Diamond</string>
<string name="platinum">Platinum</string>
<string name="totalCount">Total Count</string>
<string name="agreeTandC">Agree To Terms and Conditions</string>
<string name="submit">SUBMIT</string>
<string name="confirmation">Confirmation</string>
<string name="messageDialog1">Are You Sure to Continue with Payment ?</string>
<string name="yes">Yes</string>
<string name="no">No</string>
<string name="cancel">Cancel</string>
<string name="paymentCancelDialog">Payment Cancelled</string>
<string name="checkboxmessagesnacker">Please Check the Checkbox</string>
<string name="checkboxsnackclose">Close</string>
<string name="checkboxandradiosnack">Please Check the Checkbox and Select Class for Seats</string>
<string name="allinfowarning">Please Enter all the Required Information Correctly</string>
<string name="selectradio">Please Select Seats Class</string>
```



```

<string name="selectRadioClose">Close</string>
<string name="snackcheck">Check</string>
<string name="selectedClass">You Selected</string>
<string name="termConditionApplied">T/C applied Successfully</string>
<string name="infoverified">Information Verified Successfully</string>
<string name="infoverifiedsnackclose">Close</string>
<string name="movieMaiaPayment">Movie Mania Payments</string>
<string name="paymentName">Name</string>
<string name="paymentPhone">Phone Number</string>
<string name="paymentemailAddress">Email Address</string>
<string name="paymenttheatrenameAddress">Theatre Name With Address</string>
<string name="paymentShowDate">Show Date</string>
<string name="paymentShowTime">Show Time</string>
<string name="paymentCategory">Category</string>
<string name="paymentTotalSeats">Total Seats</string>
<string name="paymentCancel">Cancel</string>
<string name="option1">UPI</string>
<string name="option2">Internet Banking</string>
<string name="option3">Credit Cards</string>
<string name="option4">Debit Cards</string>
<string name="paymentConfirmationrefcode">Payment Successful Your Reference Code </string>
<string name="paymentConfirmationOK">OK</string>
<string name="bakcgroundgray">Gray</string>
<string name="backgroundLightBrown">LightBrown</string>
<string name="backgroundwhite">White</string>
</resources>

```

strings.xml(hindi)

```

<?xml version="1.0" encoding="utf-8"?>

<resources>

    <string name="app_name">सी.ए 3</string>

    <string name="title_activity_main2">MainActivity2</string>

    <string name="hello_world">Hello Square World!</string>

```

<string name="findYour">अपनी अगली</string>

<string name="NextMovie"> फिल्म ढूँढें</string>

<string name="MovieMania">मूवी मेनिया </string>

<string name="EnterMovie">मूवी दर्ज करें</string>

<string name="enterYourName">अपना नाम दर्ज करें</string>

<string name="enterYourPhone">अपना मोबाइल संख्या दर्ज करें</string>

<string name="enterEmail">अपना ईमेल पता दर्ज करें</string>

<string name="theatrenamewithAddress">हॉल का नाम पते के साथ</string>

<string name="showDate">दिनांक</string>

<string name="showTime">समय</string>

<string name="sittingArrangement">बैठने की व्यवस्था</string>

<string name="gold">गोल्ड</string>

<string name="silver">सिल्वर</string>

<string name="diamond">डायमंड</string>

<string name="platinum">प्लैटिनम</string>

<string name="totalCount">कुल संख्या</string>

<string name="agreeTandC">नियम और शर्तों से सहमत</string>

<string name="submit">जमा करें</string>

<string name="confirmation">पुष्टीकरण</string>

<string name="messageDialog1">क्या आप निश्चित रूप से भुगतान जारी रखना चाहते हैं?</string>

<string name="yes">हां</string>

<string name="no">नहीं</string>

<string name="cancel">रद्द करें</string>

<string name="paymentCancelDialog">भुगतान रद्द</string>

<string name="checkboxmessagesnacker">कृपया चेकबॉक्स चेक करें</string>

<string name="checkboxsnackclose">बंद करें</string>

<string name="checkboxandradiosnack">कृपया चेकबॉक्स चेक करें और सीटों के लिए कक्षा चुनें</string>

<string name="allinfowarning">कृपया सभी आवश्यक जानकारी सही दर्ज करें</string>

<string name="selelectradio">कृपया सीट वर्ग का चयन करें</string>

<string name="selectRadioClose">बंद करें</string>

<string name="snackcheck">चेक</string>

<string name="selectedClass">आपने चुना</string>

<string name="termConditionApplied">टी/सी सफलतापूर्वक लागू किया गया</string>

<string name="infoverified">जानकारी सफलतापूर्वक सत्यापित</string>

<string name="infoverifiedsnackclose">बंद करें</string>

<string name="movieMaiaPayment">मूवी मेनिया भुगतान</string>

<string name="paymentName">नाम</string>

<string name="paymentPhone">फ़ोन नंबर</string>

<string name="paymentemailAddress">ईमेल पता</string>

<string name="paymenttheatrenameAddress">हॉल का नाम पते के साथ</string>

<string name="paymentShowDate">दिनांक</string>

<string name="paymentShowTime">टाइम</string>

<string name="paymentCategory">श्रेणी</string>

<string name="paymentTotalSeats">कुल सीटें</string>

<string name="paymentCancel">रद्द करें</string>

<string name="option1">यूपीआई भुगतान</string>

<string name="option2">इंटरनेट बैंकिंग</string>

<string name="option3">क्रेडिट कार्ड</string>

<string name="option4">डेबिट कार्ड्स</string>

<string name="paymentConfirmationrefcode">भुगतान सफल आपका संदर्भ कोड </string>

<string name="paymentConfirmationOK">ठीक है</string>

<string name="bakcgroundgray">ग्रे</string>

```
<string name="backgroundLightBrown">लाइट ब्राउन</string>

<string name="backgroundwhite">सफेद</string>

</resources>
```

AndroidManifest.xml

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="sudeep.example.ca3">
    <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.CA3">
        <activity android:name=".PaymentActivity"
            android:exported="true"
            android:noHistory="true"/>
        <activity android:name=".MainActivity"
            android:noHistory="true"
            android:exported="true">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />
                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>
</manifest>
```

Kotlin Codes

MainActivity.kt

```
package sudeep.example.ca3

import android.annotation.SuppressLint
import android.app.DatePickerDialog
import android.app.TimePickerDialog
import android.content.Intent
import android.graphics.Color
import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import android.provider.Settings
import android.text.format.DateFormat
import android.text.format.DateFormat.is24HourFormat
import android.view.Menu
import android.view.MenuItem
import android.view.View
import android.widget.*
import androidx.appcompat.app.AlertDialog
import androidx.constraintlayout.widget.ConstraintLayout
import androidx.core.view.get
import com.google.android.material.snackbar.Snackbar
import java.util.*

class MainActivity : AppCompatActivity(), DatePickerDialog.OnDateSetListener,
TimePickerDialog.OnTimeSetListener,
    AdapterView.OnItemClickListener {
    lateinit var parentLayout: ConstraintLayout;
    lateinit var meradianSpinner: Spinner;
    lateinit var bookingDate: EditText;
    lateinit var showTime: EditText;
    private lateinit var movieName: String;
```

```
private lateinit var userName: String;
private lateinit var userPhoneNumber: String;
private lateinit var userEmailAdress: String;
private lateinit var theaterNameWithAddress: String
private lateinit var totalSeatCount: String;
private var radioSelectedBoolean: Boolean = false;
private lateinit var radioSelectedText: String;
private var isCheckedCondition: Boolean = false;
private lateinit var selectedMeradian: String;
private var currentBackground: String = "White";
var day = 0;
var month = 0;
var year = 0;
var hour = 0;
var minute = 0;
var savedday = 0;
var savedmonth = 0;
var savedyear = 0;
var savedhour = 0;
var savedminute = 0;
private lateinit var selectedDate: String;
private lateinit var selectedTime: String;
```

```
override fun onCreate(savedInstanceState: Bundle?) {
    super.onCreate(savedInstanceState)
    setContentView(R.layout.activity_main)
    parentLayout = findViewById<ConstraintLayout>(R.id.parentLayout)
    val enterMovieName = findViewById<EditText>(R.id.editTextTextPersonName)
    val showMovieName = findViewById<TextView>(R.id.textView3)
    val username = findViewById<EditText>(R.id.editTextTextPersonName2)
    val phoneNumber = findViewById<EditText>(R.id.editTextPhone)
    val emailAddress = findViewById<EditText>(R.id.editTextTextEmailAddress)
    val theatreNameWithAddress = findViewById<EditText>(R.id.editTextTextPersonName3)
    bookingDate = findViewById<EditText>(R.id.editTextDate)
```

```

showTime = findViewById<EditText>(R.id.editTextTime)
val categoryRadioGroup = findViewById<RadioGroup>(R.id.radioGroup)
val seatCount = findViewById<EditText>(R.id.editTextNumber)
val termConditionCheckbox = findViewById<CheckBox>(R.id.checkBox)
val submitBtn = findViewById<Button>(R.id.button2)
meradianSpinner = findViewById<Spinner>(R.id.spinner2)

if (meradianSpinner != null) {
    ArrayAdapter.createFromResource(this, R.array.timeMeradian,
    android.R.layout.simple_spinner_item)
        .also {
            it.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item)
            meradianSpinner.adapter = it
            meradianSpinner.onItemSelectedListener = this;
        }
}

termConditionCheckbox.setOnCheckedChangeListener { compoundButton, isChecked ->
    if (isChecked) {
        isCheckedCondition = true;

        val snackBar = Snackbar.make(parentLayout, R.string.termConditionApplied,
        Snackbar.LENGTH_LONG).setAction("Close") {
            Toast.makeText(this, R.string.infoverified, Toast.LENGTH_LONG).show()
        }
        snackBar.setTextColor(Color.WHITE);
        snackBar.setActionTextColor(Color.RED);
        snackBar.setBackgroundTint(Color.BLACK);
        snackBar.show();
    } else {
        isCheckedCondition = false;
    }
}

```

```

enterMovieName.setOnClickListener {
    movieName = enterMovieName.text.toString();
    showMovieName.setText(movieName);
    username.requestFocus();
    enterMovieName.setText("");
}

categoryRadioGroup.setOnCheckedChangeListener { radioGroup, i ->
    radioSelectedBoolean = true;
}

bookingDate.setOnClickListener {
    getDateTimeCalendar()
    DatePickerDialog(this, this, year, month, day).show()
}

showTime.setOnClickListener {
    TimePickerDialog(this, this, hour, minute, DateFormat.is24HourFormat(this)).show()
}

submitBtn.setOnClickListener {
    if (radioSelectedBoolean) {
        var selectButtonId = categoryRadioGroup.checkedRadioButtonId;
        var radioSelected = findViewById<RadioButton>(selectButtonId)
        radioSelectedText = radioSelected.text.toString();
    } else {
        val snackBar = Snackbar.make(parentLayout, R.string.selectradio,
        Snackbar.LENGTH_LONG).setAction(R.string.selectRadioClose) {
            return@setAction;
        }
        snackBar.setTextColor(Color.BLACK);
        snackBar.setActionTextColor(Color.BLUE);
        snackBar.setBackgroundTint(Color.RED);
    }
}

```



```

        snackBar.show();
    }
    if (!isCheckedCondition) {
        val snackBar = Snackbar.make(parentLayout, R.string.checkboxmessagesnacker,
        Snackbar.LENGTH_LONG).setAction(R.string.snackcheck) {
            termConditionCheckbox.isChecked = true
        }
        snackBar.setTextColor(Color.BLACK);
        snackBar.setActionTextColor(Color.BLUE);
        snackBar.setBackgroundTint(Color.RED);
        snackBar.show();
    }
    if (!isCheckedCondition && !radioSelectedBoolean) {
        val snackBar = Snackbar.make(parentLayout, R.string.checkboxandradiosnack,
        Snackbar.LENGTH_LONG).setAction(R.string.snackcheck) {
            termConditionCheckbox.isChecked = true
        }
        snackBar.setTextColor(Color.BLACK);
        snackBar.setActionTextColor(Color.BLUE);
        snackBar.setBackgroundTint(Color.RED);
        snackBar.show();
    }

    movieName = showMovieName.text.toString()
    userName = username.text.toString()
    userPhoneNumber = phoneNumber.text.toString()
    userEmailAddress = emailAddress.text.toString()
    theaterNameWithAddress = theatreNameWithAddress.text.toString()
    selectedDate = bookingDate.text.toString()
    selectedTime = showTime.text.toString()
    totalSeatCount = seatCount.text.toString()

    if (movieName.isEmpty() || userName.isEmpty() || userPhoneNumber.length != 10 ||
    userEmailAddress.isEmpty()

        || theaterNameWithAddress.isEmpty() || selectedDate.isEmpty() || selectedTime.isEmpty() ||
    totalSeatCount.isEmpty() || selectedMeradian.isEmpty()

```

```

|| !isCheckedCondition || !radioSelectedBoolean) {

Toast.makeText(this, R.string.allinfowarning, Toast.LENGTH_SHORT).show()
} else {
    val builder = AlertDialog.Builder(this)
    builder.setTitle(R.string.confirmation).setMessage(R.string.messageDialog1).setCancelable(true)
        .setIcon(android.R.drawable.ic_dialog_alert)

builder.setPositiveButton(R.string.yes) { dialogInterface, which ->
    val intent = Intent(this, PaymentActivity::class.java)
    intent.putExtra("movieName", movieName);
    intent.putExtra("userName", userName);
    intent.putExtra("phoneNumber", userPhoneNumber);
    intent.putExtra("emailAddress", userEmailAddress);
    intent.putExtra("theatreNameWithAddress", theaterNameWithAddress);
    intent.putExtra("showDate", selectedDate);
    intent.putExtra("selectedTime", selectedTime);
    intent.putExtra("category", radioSelectedText);
    intent.putExtra("totalSeats", totalSeatCount);
    intent.putExtra("selectedMeradian", selectedMeradian);
    intent.putExtra("currentBackground", currentBackground)
    categoryRadioGroup.clearCheck();
    termConditionCheckbox.isChecked = false;
    showMovieName.text = ""
    username.setText("")
    phoneNumber.setText("")
    emailAddress.setText("")
    theatreNameWithAddress.setText("")
    bookingDate.setText("")
    showTime.setText("")
    seatCount.setText("")
    startActivity(intent);
}

```

```

        builder.setNeutralButton(R.string.cancel) { dialogInterface, which ->
            Toast.makeText(applicationContext, R.string.paymentCancelledDialog,
                Toast.LENGTH_LONG).show()

            categoryRadioGroup.clearCheck();
            termConditionCheckbox.isChecked = false;
            showMovieName.text = ""
            username.setText("")
            phoneNumber.setText("")
            emailAddress.setText("")
            theatreNameWithAddress.setText("")
            bookingDate.setText("")
            showTime.setText("")
            seatCount.setText("")
            startActivity(intent);
        }

```

```

        builder.setNegativeButton(R.string.no) { dialogInterface, which ->
            categoryRadioGroup.clearCheck();
            termConditionCheckbox.isChecked = false;
            showMovieName.text = ""
            username.setText("")
            phoneNumber.setText("")
            emailAddress.setText("")
            theatreNameWithAddress.setText("")
            bookingDate.setText("")
            showTime.setText("")
            seatCount.setText("")
            startActivity(intent);
        }

```

```

        val alertDialog: AlertDialog = builder.create()
        alertDialog.show();
    }
}

```

```
}
```

```
override fun onBackPressed() {  
    finish();  
    return;  
}
```

```
private fun getDateTimeCalendar() {  
    val cal: Calendar = Calendar.getInstance()  
    day = cal.get(Calendar.DAY_OF_MONTH);  
    month = cal.get(Calendar.MONTH)  
    year = cal.get(Calendar.YEAR)  
    hour = cal.get(Calendar.HOUR)  
    minute = cal.get(Calendar.MINUTE)  
}
```

```
@SuppressWarnings("SetTextI18n")
```

```
override fun onDateSet(view: DatePicker?, year: Int, month: Int, dayOfMonth: Int) {  
    savedday = dayOfMonth;  
    savedmonth = month;  
    savedyear = year;  
    bookingDate.setText("${savedday.toString()}-${savedmonth.toString()}-${savedyear.toString()}")  
}
```

```
@SuppressWarnings("SetTextI18n")
```

```
override fun onTimeSet(view: TimePicker?, hourOfDay: Int, Minute: Int) {  
    savedhour = hourOfDay;  
    savedminute = Minute;  
    showTime.setText("${savedhour.toString()}:${savedminute.toString()}")  
}
```

```
override fun onItemSelected(parent: AdapterView<*>, view: View?, pos: Int, id: Long) {  
    selectedMeradian = parent.getItemAtPosition(pos).toString()  
}
```

```
override fun onNothingSelected(parent: AdapterView<*>) {  
    selectedMeradian = "";  
}
```

```
override fun onCreateOptionsMenu(menu: Menu?): Boolean {  
    menuInflater.inflate(R.menu.option_menu, menu)  
    return true  
}
```

```
override fun onOptionsItemSelected(item: MenuItem): Boolean {  
    return when (item.itemId) {  
        R.id.optionGray -> {  
            parentLayout.setBackgroundColor(resources.getColor(R.color.OptionGray));  
            currentBackground = "Gray";  
            true  
        }  
        R.id.optionlightBrown -> {  
            parentLayout.setBackgroundColor(resources.getColor(R.color.OptionLightBrown));  
            currentBackground = "LightBrown"  
            true  
        }  
        R.id.optionwhite -> {  
            parentLayout.setBackgroundColor(resources.getColor(R.color.OptionWhite))  
            currentBackground = "White"  
            true;  
        }  
        else -> {  
            super.onOptionsItemSelected(item)  
        }  
    }  
}
```

```
}
```

```
}
```

PaymentActivity.kt

```
package sudeep.example.ca3
```

```
import android.annotation.SuppressLint
```

```
import android.content.Intent
```

```
import android.graphics.Color
```

```
import androidx.appcompat.app.AppCompatActivity
```

```
import android.os.Bundle
```

```
import android.widget.Button
```

```
import android.widget.PopupMenu
```

```
import android.widget.TextView
```

```
import android.widget.Toast
```

```
import androidx.appcompat.app.AlertDialog
```

```
import androidx.constraintlayout.widget.ConstraintLayout
```

```
import com.google.android.material.snackbar.Snackbar
```

```
class PaymentActivity : AppCompatActivity() {
```

```
    lateinit var innerLayout: ConstraintLayout;
```

```
    lateinit var movieName: TextView;
```

```
    lateinit var userName: TextView;
```

```
    lateinit var phoneNumber: TextView;
```

```
    lateinit var emailAddress: TextView;
```

```
    lateinit var theatreNameWithAddress: TextView;
```

```
    lateinit var showDate: TextView;
```

```
    lateinit var showTime: TextView;
```

```
    lateinit var category: TextView;
```

```
    lateinit var totalSeats: TextView;
```

```
lateinit var submitBtn: Button;
lateinit var cancelBtn: Button;
lateinit var movieNamefromIntent: String;
lateinit var userNamefromIntent: String;
lateinit var phoneNumberfromIntent: String;
lateinit var emailAddressfromIntent: String;
lateinit var theaterNameWithAddressfromIntent: String;
lateinit var showDatefromIntent: String;
lateinit var showTimefromIntent: String;
lateinit var categoryfromIntent: String;
lateinit var totalSeatsfromIntent: String;
lateinit var selectedMeradianFromIntent: String;
private var fixedRateGold = 100;
private var fixedRateSilver = 150;
private var fixedRateDimaond = 200;
private var fixedRatePlatinum = 300;
private var totalPriceAmount = 0;
private lateinit var currentBackgroundFromIntent: String;
```

```
@SuppressLint("SetTextI18n")
```

```
override fun onCreate(savedInstanceState: Bundle?) {
    super.onCreate(savedInstanceState)
    setContentView(R.layout.activity_payment)
    movieName = findViewById(R.id.textView9);
    userName = findViewById(R.id.textView18);
    phoneNumber = findViewById(R.id.textView19);
    emailAddress = findViewById(R.id.textView20);
    theatreNameWithAddress = findViewById(R.id.textView21);
    showDate = findViewById(R.id.textView22);
    showTime = findViewById(R.id.textView23);
    category = findViewById(R.id.textView24);
    totalSeats = findViewById(R.id.textView25);
    submitBtn = findViewById(R.id.button);
    cancelBtn = findViewById(R.id.button3);
}
```

```
innerLayout = findViewById(R.id.innerConstraint2)

var intentBundle: Bundle? = intent.extras;

movieNamefromIntent = intentBundle?.get("movieName").toString();
userNamefromIntent = intentBundle?.get("userName").toString();
phoneNumberfromIntent = intentBundle?.get("phoneNumber").toString();
emailAddressfromIntent = intentBundle?.get("emailAddress").toString();
theaterNameWithAddressfromIntent = intentBundle?.get("theatreNameWithAddress").toString();
showDatefromIntent = intentBundle?.get("showDate").toString();
showTimefromIntent = intentBundle?.get("selectedTime").toString();
categoryfromIntent = intentBundle?.get("category").toString();
totalSeatsfromIntent = intentBundle?.get("totalSeats").toString();
selectedMeradianFromIntent = intentBundle?.get("selectedMeradian").toString();
currentBackgroundFromIntent = intentBundle?.getString("currentBackground").toString();

userName.text = userNamefromIntent;
phoneNumber.text = phoneNumberfromIntent;
emailAddress.text = emailAddressfromIntent;
theatreNameWithAddress.text = theaterNameWithAddressfromIntent;
showDate.text = showDatefromIntent;
showTime.text = "$showTimefromIntent $selectedMeradianFromIntent";
category.text = categoryfromIntent;
totalSeats.text = totalSeatsfromIntent;

if (currentBackgroundFromIntent === "Gray") {
    innerLayout.setBackgroundColor(resources.getColor(R.color.OptionGray));

} else if (currentBackgroundFromIntent === "White") {
    innerLayout.setBackgroundColor(resources.getColor(R.color.OptionWhite))
} else if (currentBackgroundFromIntent == "LightBrown") {
    innerLayout.setBackgroundColor(resources.getColor(R.color.OptionLightBrown))
}

if (categoryfromIntent == "Gold") {
    totalPriceAmount = fixedRateGold * totalSeatsfromIntent.toInt();
} else if (categoryfromIntent == "Silver") {
```



```

        totalPriceAmount = fixedRateSilver * totalSeatsfromIntent.toInt();
    } else if (categoryfromIntent == "Diamond") {
        totalPriceAmount = fixedRateDimaond * totalSeatsfromIntent.toInt();
    } else {
        totalPriceAmount = fixedRatePlatinum * totalSeatsfromIntent.toInt();
    }
    submitBtn.setText("$totalPriceAmount");
    submitBtn.setOnClickListener {
        val popup = PopupMenu(this, submitBtn);
        popup.menuInflater.inflate(R.menu.popup_menu, popup.menu);
        popup.setOnMenuItemClickListener {
            val builder = AlertDialog.Builder(this)

builder.setTitle(R.string.paymentConfirmationrefcode).setMessage("${userNamefromIntent.replace(' ',
'0')}${totalSeatsfromIntent}${totalPriceAmount}").setPositiveButton(R.string.paymentConfirmationOK) {
dialog, which ->

            goToHomePage();

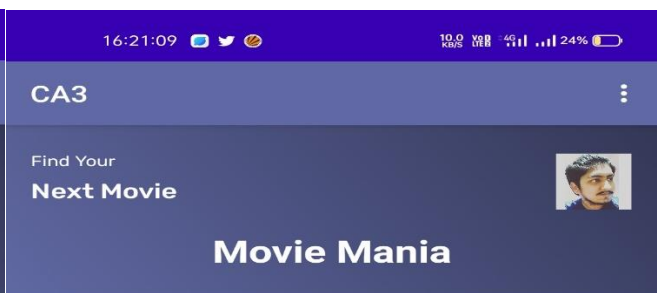
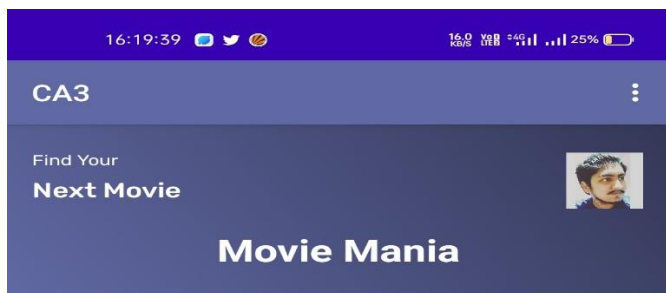
        }.setCancelable(false).show()

        true;
    }
    popup.show()
}
cancelBtn.setOnClickListener {
    goToHomePage()
}
}

private fun goToHomePage() {
    val intent = Intent(this, MainActivity::class.java);
    startActivity(intent)
}
}

```

ScreenShots



Search bar with placeholder text: Enter Movie

Search bar with placeholder text: Enter Movie

Form fields for user registration:

- Enter Your Name
- Enter Your Mobile Number
- Enter Your Email Address
- Theatre Name With Address
- Show Date
- Show Time
- AM

Form fields for user registration, filled with example data:

- Sudeep Kumar
- 7488368218
- sudeepagrawal1999@gmail.com
- PVR Cinemas Ranchi
- 12-11-2021
- 9:0
- PM

Sitting Arrangement

☐ Gold ☐ Silver ☐ Diamond ☐ Platinum

Sitting Arrangement

☐ Gold ☐ Silver ☐ Diamond ☒ Platinum

Total Count

5

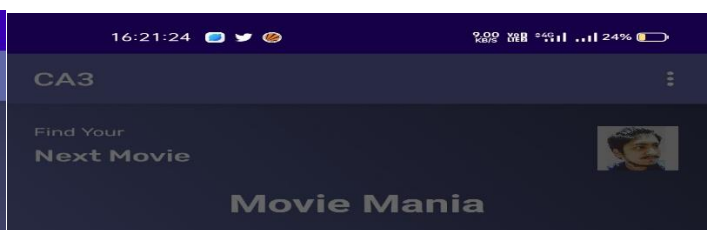
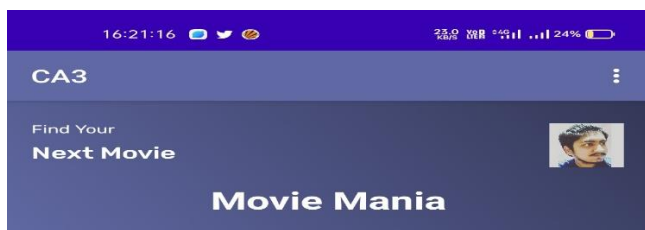
☐ Agree To Terms and Conditions

☒ Agree To Terms and Conditions

SUBMIT

SUBMIT

T/C applied Successfully CLOSE



Search bar with placeholder text: Enter Movie

Search bar with placeholder text: Enter Movie

Avengers

Form fields for user registration, filled with example data:

- Sudeep Kumar
- 7488368218
- sudeepagrawal1999@gmail.com
- PVR Cinemas Ranchi
- 12-11-2021
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Avengers

Form fields for user registration, filled with example data:

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- 9:0
- PM

Sitting Arrangement

☐ Gold ☐ Silver ☐ Diamond ☒ Platinum

Sitting Arrangement

☐ Gold ☐ Silver ☐ Diamond ☒ Platinum

5

5

☐ Agree To Terms and Conditions

☒ Agree To Terms and Conditions

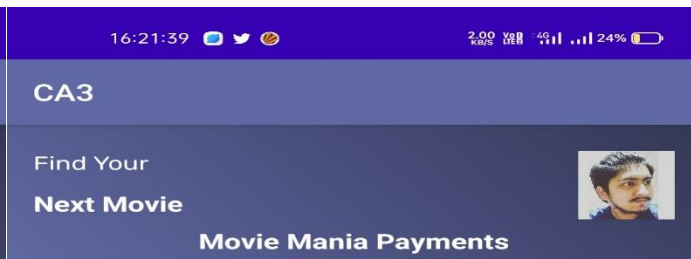
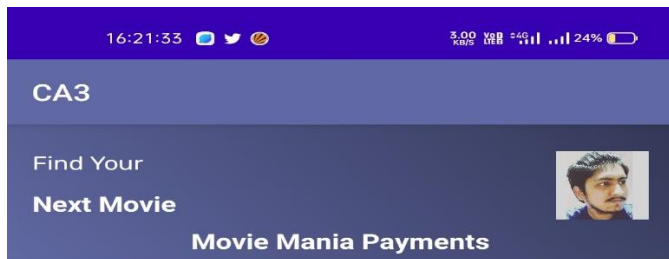
SUBMIT

SUBMIT

Please Enter all the Required Information Correctly

Please Check the Checkbox

CHECK



Name
Sudeep Kumar

Phone Number
7488368218

Email Address
sudeepagrawal1999@gmail.com

Theatre Name With Address
PVR Cinemas Ranchi

Show Date
12-11-2021

Show Time
9:0 PM

Category
Platinum

Total Seats
5

1500 CANCEL

Name
Sudeep Kumar

Phone Number
7488368218

Email Address
sudeepagrawal1999@gmail.com

Theatre Name With Address
PVR Cinemas Ranchi

Show Date
12-11-2021

UPI
Internet Banking
Credit Cards
Debit Cards

1500 CANCEL

CA3

Find Your Next Movie

Movie Mania Payments

Name
Sudeep Kumar

Phone Number
7488368218

Email Address
sudeepagrawal1999@gmail.com

Theatre Name With Address
PVR Cinemas Ranchi

Show Date
12-11-2021

Show Time
9:0 PM

Category
Platinum

Total Seats
5

1500 CANCEL

Payment Successful Your Reference Code
Sudeep0Kumar51500

OK

CA3

Find Your Next Movie

Movie Mania

Gray
LightBrown
White

Enter Movie

Enter Your Name

Enter Your Mobile Number

Enter Your Email Address

Theatre Name With Address

Show Date Show Time AM

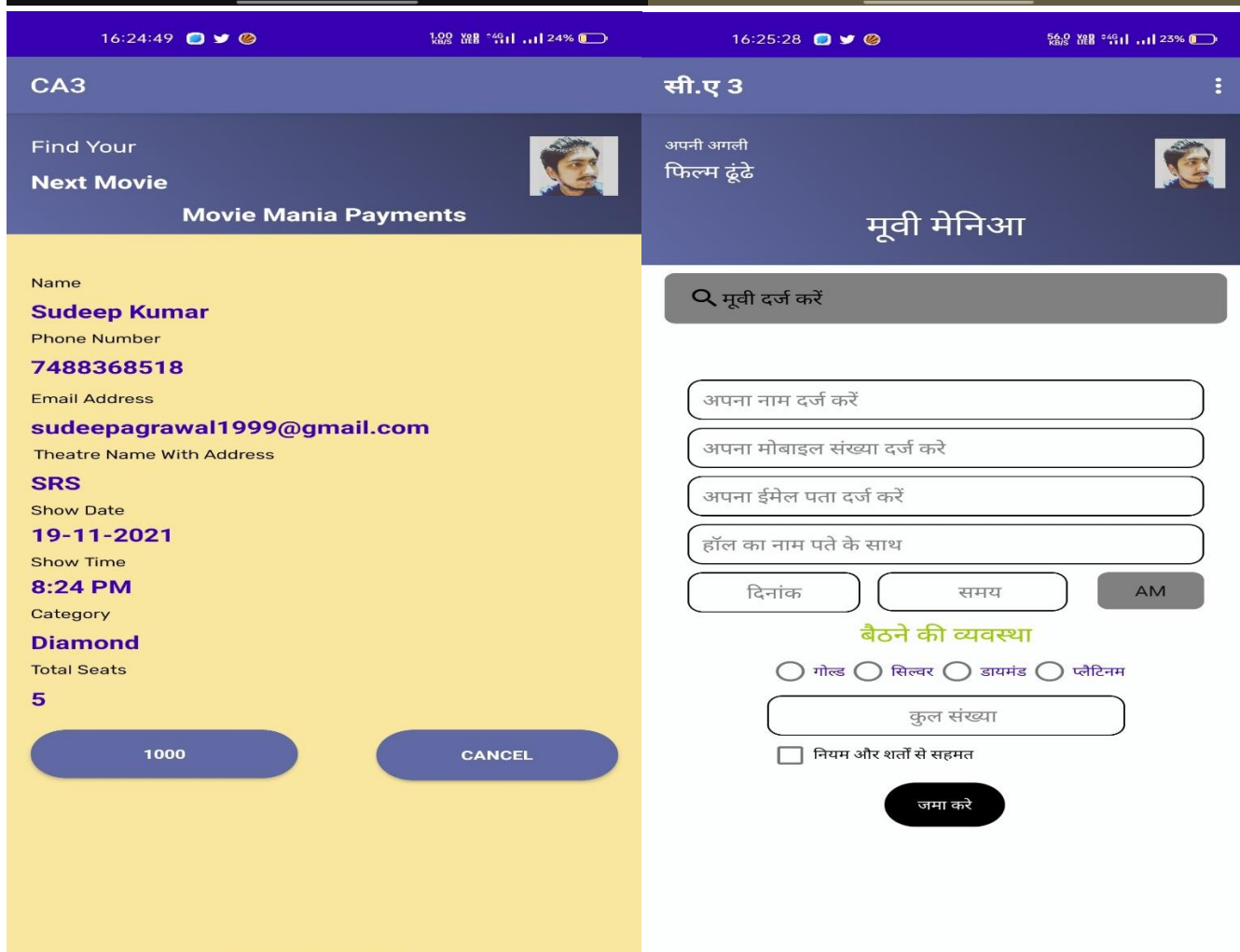
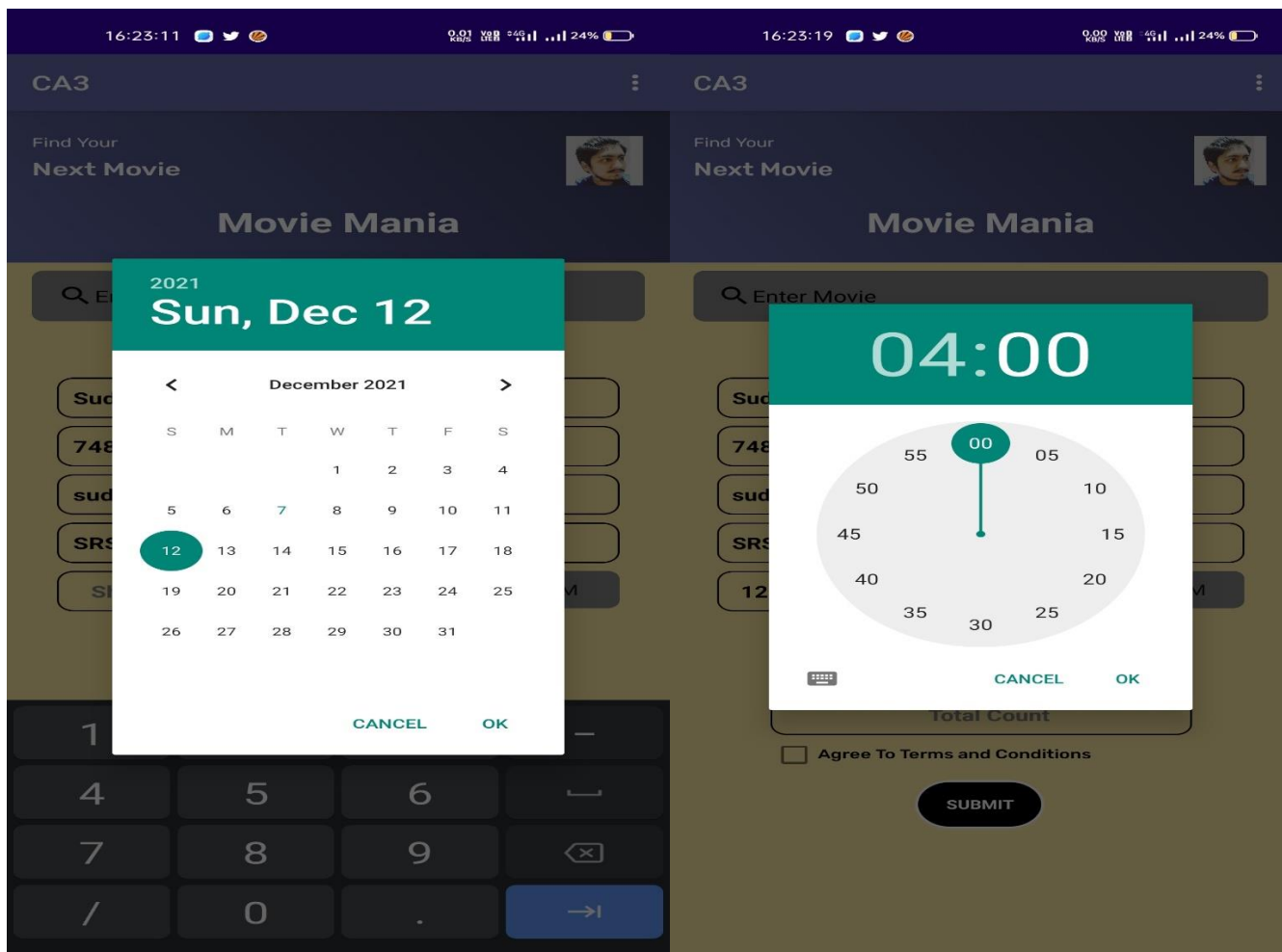
Sitting Arrangement

Gold Silver Diamond Platinum

Total Count

Agree To Terms and Conditions

SUBMIT



16:27:47

0.04 KB/S

4G

23%

सी.ए 3

अपनी अगली फिल्म ढूँढें

मूवी मेनिआ

मूवी दर्ज करें

आयरनमैन

सुदीप कुमार

7488362518

sudeepagrawal1999@gmail.com

एस आर एस रांची

12-11-2021

4:0

PM

बैठने की व्यवस्था

☐ गोल्ड ☐ सिल्वर ☐ डायमंड ☒ प्लैटिनम

5

☒ नियम और शर्तों से सहमत

जमा करें

टी/सी सफलतापूर्वक लागू किया गया

CLOSE

16:27:51

0.04 KB/S

4G

23%

सी.ए 3

अपनी अगली फिल्म ढूँढें

मूवी मेनिआ

मूवी दर्ज करें

आयरनमैन

सुदीप कुमार

पुष्टीकरण

क्या आप निश्चित रूप से भुगतान जारी रखना चाहते हैं?

रद्द करें

नहीं

हां

12-11-2021

4:0

PM

बैठने की व्यवस्था

☐ गोल्ड ☐ सिल्वर ☐ डायमंड ☒ प्लैटिनम

5

☒ नियम और शर्तों से सहमत

जमा करें

16:27:56

0.00 KB/S

4G

22%

सी.ए 3

अपनी अगली फिल्म ढूँढें

मूवी मेनिआ भुगतान

नाम

सुदीप कुमार

फ़ोन नंबर

7488362518

ईमेल पता

sudeepagrawal1999@gmail.com

हॉल का नाम पते के साथ

एस आर एस रांची

दिनांक

12-11-2021

टाइम

4:0 PM

श्रेणी

प्लैटिनम

कुल सीटें

5

1500

रद्द करें

16:28:03

0.00 KB/S

4G

22%

सी.ए 3

अपनी अगली फिल्म ढूँढें

मूवी मेनिआ भुगतान

नाम

सुदीप कुमार

फ़ोन नंबर

7488362518

ईमेल पता

sudeepagrawal1999@gmail.com

हॉल का नाम पते के साथ

एस आर एस रांची

दिनांक

12-11-2021

यूपीआई भुगतान

इंटरनेट बैंकिंग

क्रेडिट कार्ड

डेबिट कार्ड्स

1500

रद्द करें

सी.ए 3

अपनी अगली

फिल्म ढूँढें



मूवी मेनिआ भुगतान

नाम

सुदीप कुमार

फ़ोन नंबर

7488362518

ईमेल पता

sudeepkumar1999@gmail.com

क

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दि

1

टा

4.5/5

श्रेणी

प्लेटिनम

कुल सीटें

5

भुगतान सफल आपका संदर्भ कोड

सुदीप0कुमार51500

ठीक है

1500

रद्द करें