

CSE224: Fundamentals of Android

CA-3

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Section: KO103

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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="checkboxboxsnackclose">Close</string>
<string name="checkboxboxandradiosnack">Please Check the Checkbox and Select Class for Seats</string>
<string name="allinfowarning">Please Enter all the Required Information Correctly</string>
<string name="selelectradio">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="selectradio">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();

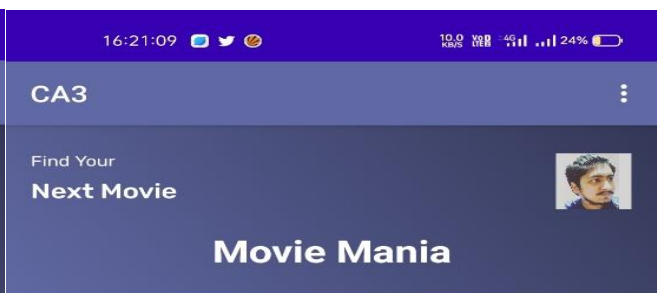
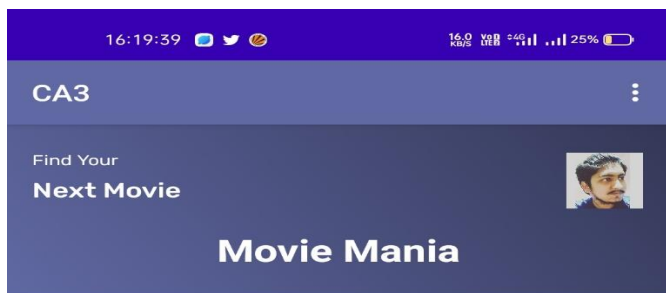
                }.setCancelable(false).show()

                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

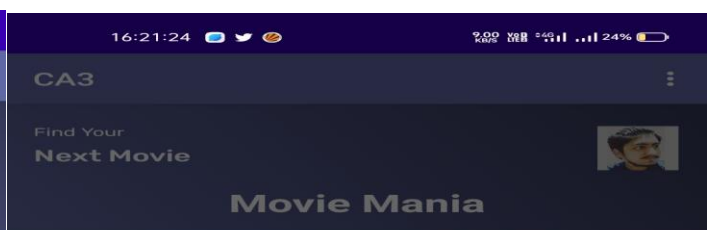
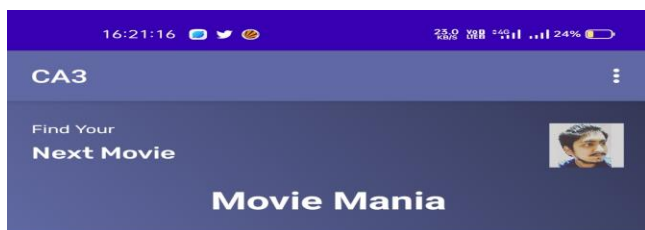
5

☐ Agree To Terms and Conditions

☒ Agree To Terms and Conditions

SUBMIT

SUBMIT



Search bar with placeholder text: Enter Movie

Search bar with placeholder text: Enter Movie

Avengers

Avengers

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5

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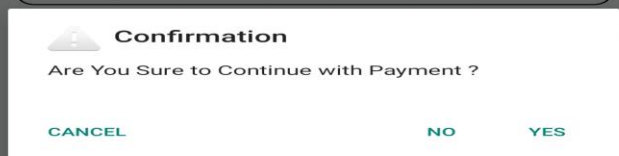
☐ Agree To Terms and Conditions

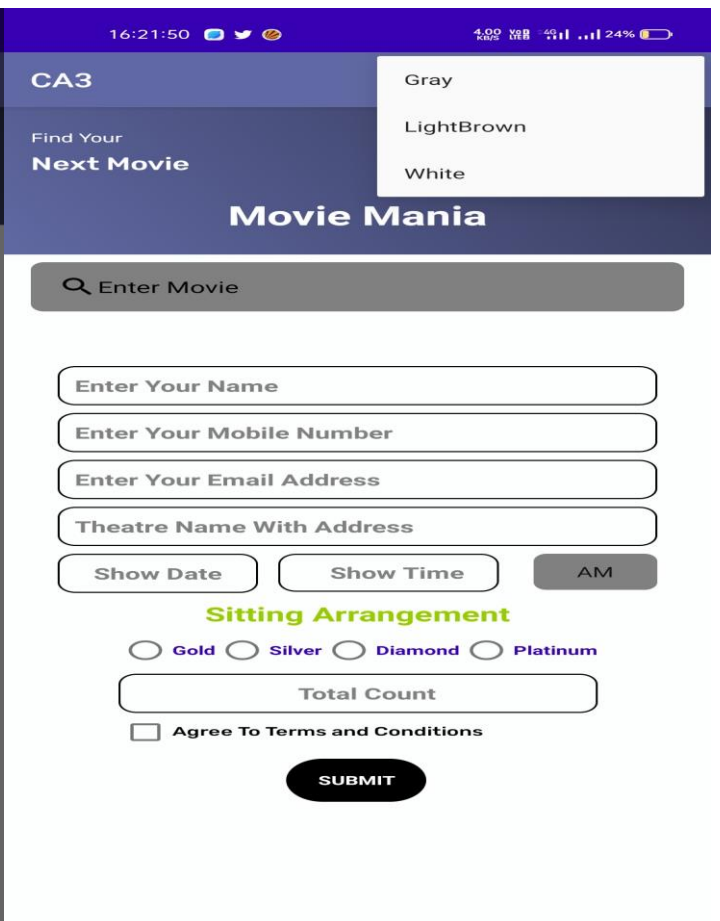
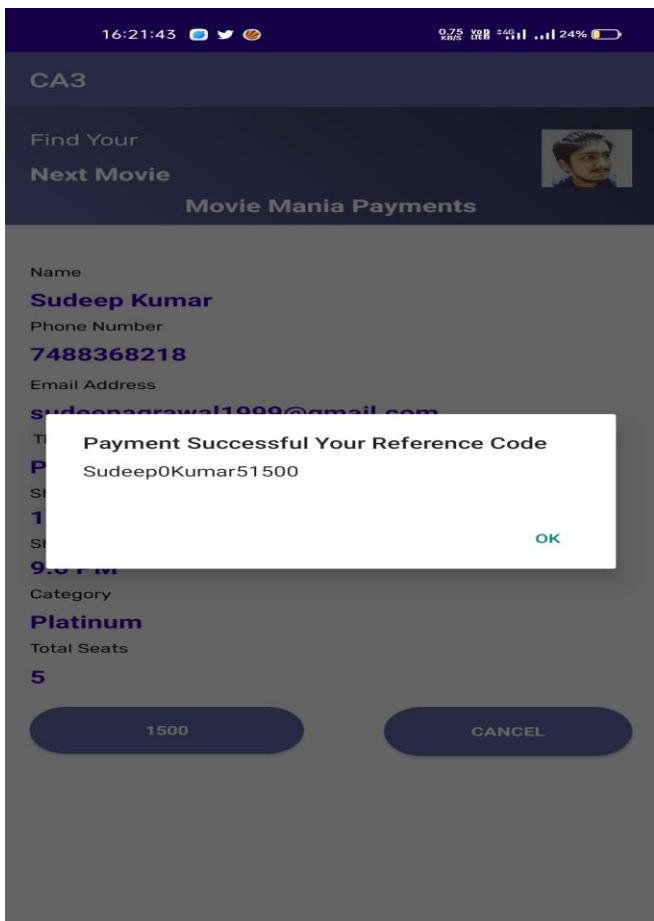
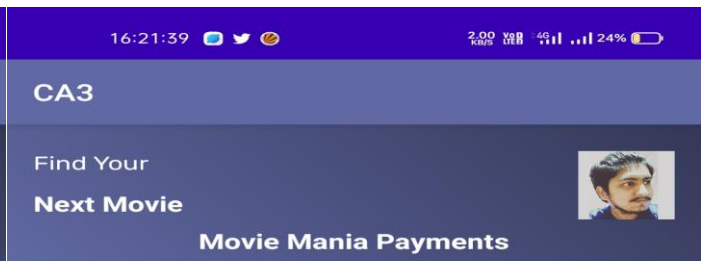
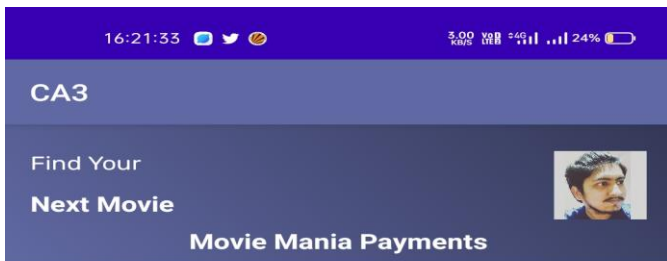
☒ Agree To Terms and Conditions

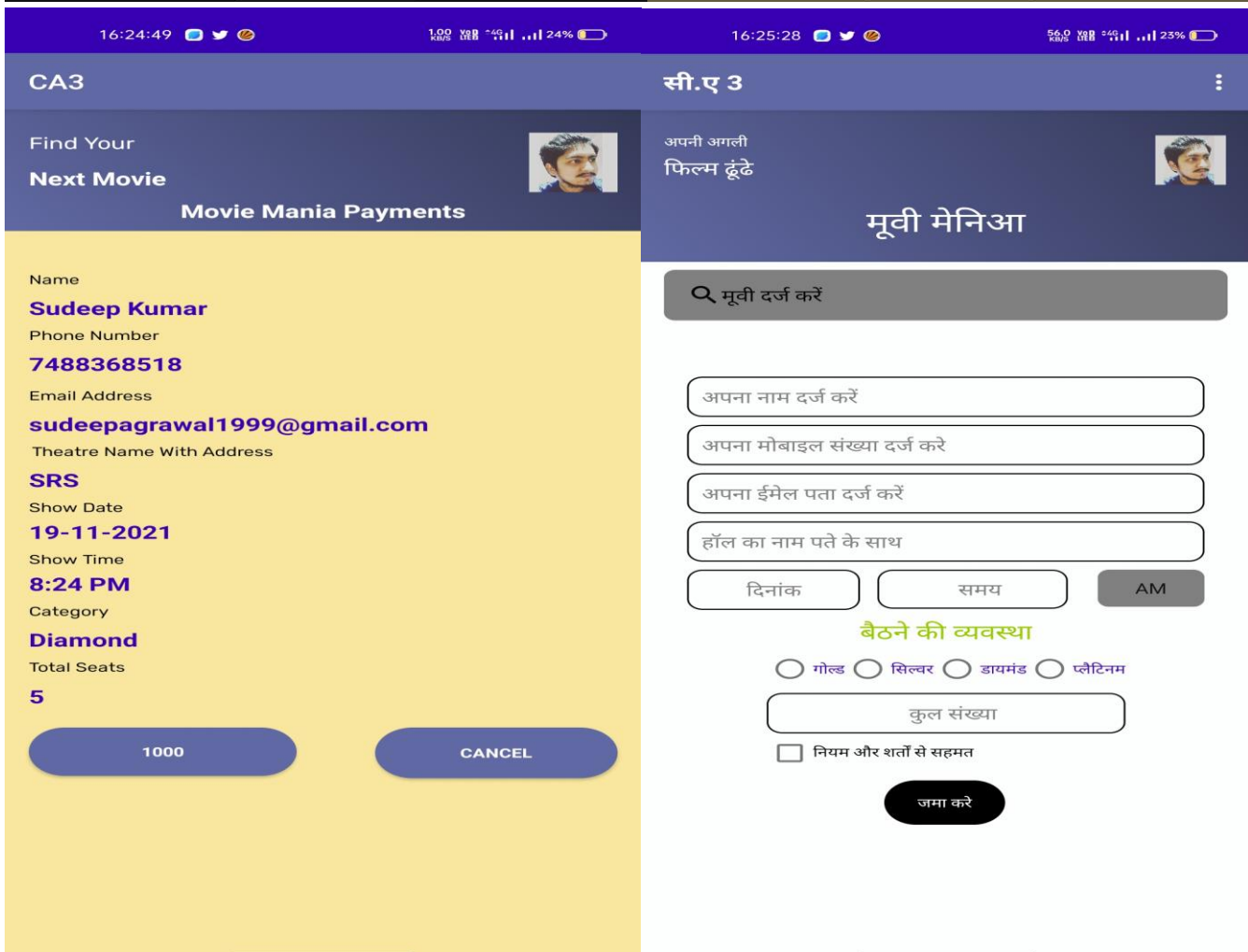
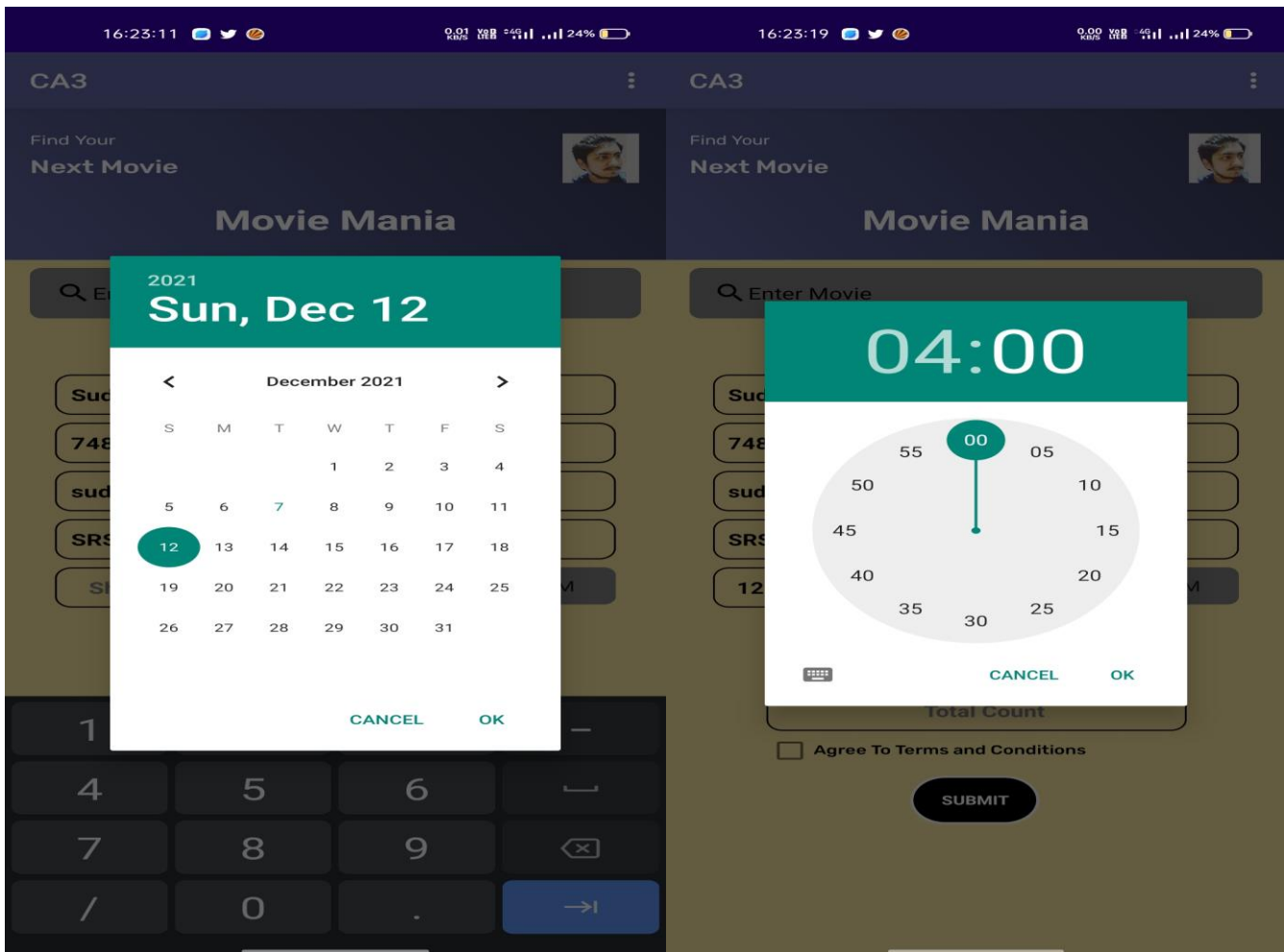
SUBMIT

SUBMIT

Please Enter all the Required Information Correctly







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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

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☒ नियम और शर्तों से सहमत

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आयरनमैन

सुदीप कुमार

पुष्टीकरण

क्या आप निश्चित रूप से भुगतान जारी रखना चाहते हैं?

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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

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मूवी मेनिआ भुगतान

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सुदीप कुमार

फ़ोन नंबर

7488362518

ईमेल पता

sudeepagrawal1999@gmail.com

हॉल का नाम पते के साथ

एस आर एस रांची

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12-11-2021

यूपीआई भुगतान

इंटरनेट बैंकिंग

क्रेडिट कार्ड

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सुदीप कुमार

फ़ोन नंबर

7488362518

ईमेल पता

sudipkumar1999@gmail.com

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भुगतान सफल आपका संदर्भ कोड

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