CSE224: Fundamentals of Android CA-3

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GitHub Link: https://github.com/AamirSohail999/Android-

Designing/blob/main/AndroidAppDynamic.zip

Problem-1 Solution

Used Keywords:

1.CheckBox 7.Explicit Intent

2.RadioButton 8.Request in-App Permissions

3.Spinner 9.Alert Dialog

4.ListView 10.Option Menu

5.ImageView 11.Constraint Layout

6.Relative Layout

Code:

Log in Page:

Kotlin Part:

package com.example.ca3app

import android.content.Intent

```
import androidx.appcompat.app.AppCompatActivity
import android.provider.MediaStore
import android.widget.Button
import android.widget.ImageView
class LoginPage : AppCompatActivity() {
                     imageUri=it
                     imgV.setImageURI(it)
                })
                if(it)
```

```
btnLogin.setOnClickListener {
        val intentLog = Intent(this, IndexPage::class.java)
        startActivity(intentLog)
}

private fun setActivityResult() {
    val camera_intent = Intent(MediaStore.ACTION_IMAGE_CAPTURE)
    startActivity(camera_intent)
}
```

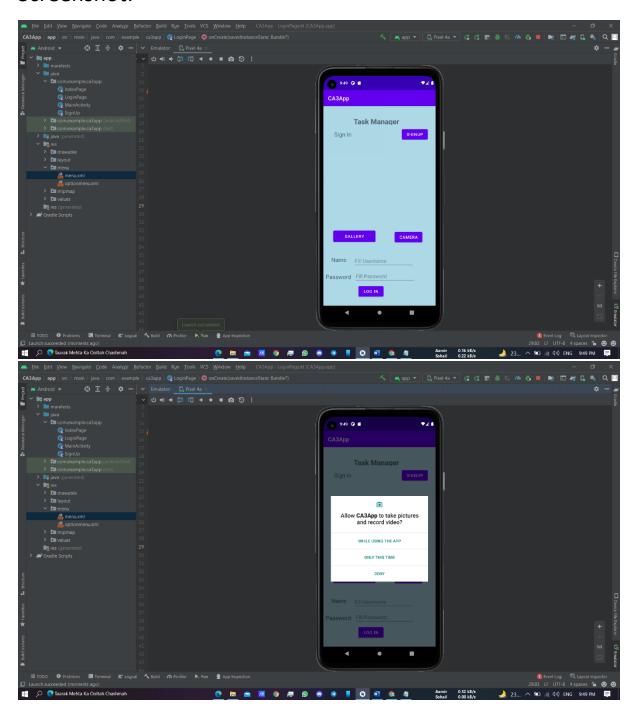
Xml Part:

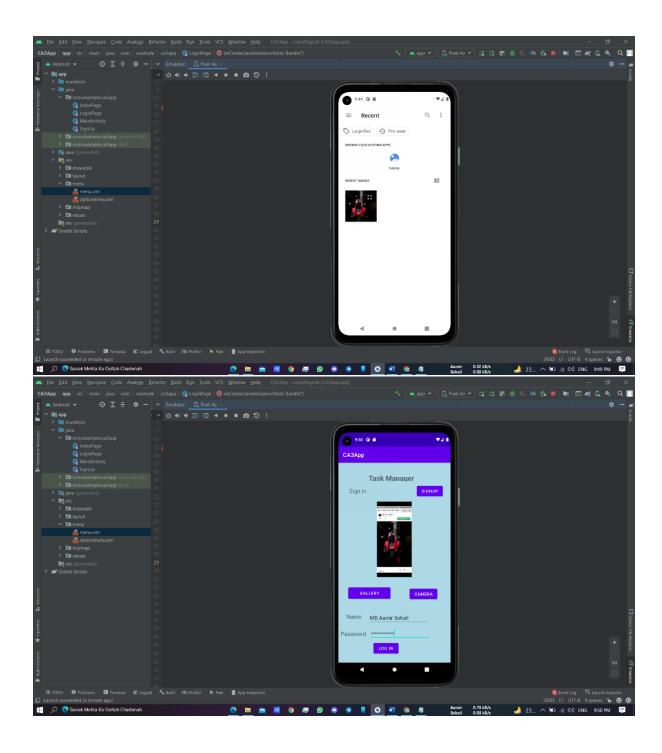
```
<androidx.constraintlayout.widget.ConstraintLayout</pre>
xmlns:android="http://schemas.android.com/apk/res/android"
    <ImageView</pre>
        tools:srcCompat="@tools:sample/avatars" />
    <TextView
    <TextView
```

```
android:text="Password
<EditText
   android:inputType="textPersonName"
    android:layout width="wrap content"
```

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

Screenshot:





Sign up Page:

Kotlin Part:

```
package com.example.ca3app

import android.content.Intent
import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import android.widget.Button
```

```
class SignUp : AppCompatActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_sign_up)

    val btnSub = findViewById<Button>(R.id.BtnW)

    btnSub.setOnClickListener {
        val intentSub = Intent(this, LoginPage::class.java)
            startActivity(intentSub)
    }
}
```

Xml Part:

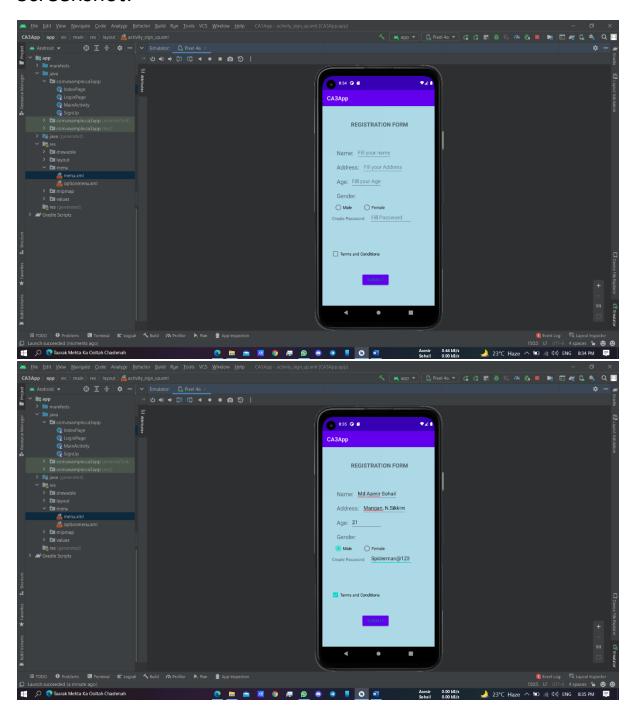
```
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"</pre>
    <TextView
    </TextView>
    <TextView
    <EditText
    </EditText>
```

```
<TextView
<EditText
</EditText>
<TextView
<EditText
</EditText>
<TextView
</TextView>
```

```
</RadioButton>
   android:textSize="15sp" />
```

</RelativeLayout>

Screenshot:



Index Page:

Kotlin Part:

```
package com.example.ca3app

import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
```

```
chk1.setOnClickListener{
            builder.setPositiveButton("Yes") {
            builder.setNeutralButton("Cancel") {
                    dialogInterface, which ->
            builder.setNegativeButton("No") {
Toast.LENGTH LONG).show()
```

```
android.R.layout.simple_spinner_item, dresses)
                override fun onNothingSelected(parent: AdapterView<*>) {
    override fun onCreateOptionsMenu(menu: Menu?): Boolean {
    override fun onOptionsItemSelected(item: MenuItem): Boolean {
Toast. LENGTH LONG) . show()
```

```
}
else -> super.onOptionsItemSelected(item)

}
}
```

Xml Part:

```
<androidx.constraintlayout.widget.ConstraintLayout</pre>
        app:layout constraintTop toTopOf="parent"
    <TextView
        app:layout constraintBottom toTopOf="@+id/lv1"
    <CheckBox
```

```
<CheckBox
   app:layout constraintBottom toTopOf="@+id/textView5"
```

```
android:layout_height="35dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.888"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.564" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

Option Menu Xml:

Screenshot:

