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1. UI Part

- **Create Login Activity, Registration Activity, Dashboard Activity as shown in following images.**
- **Main activity(Login) check for login, if entered data does not match then open registration activity, fill data and submit button click will transfer data to third(dashboard) activity which displays registration data with interactive UI as shown in figure. (Note: don't use image except user image and whenever require use vector assets.)**

2. Implementation of Login & Registration part:

- **Create Local Variable to store login & registration data.**
- **Create Kotlin class named as "LoginInfo". In kotlin to store data use companion object in created kotlin class.**
- **First time there should not be register any user so user should be click on sign up & register.**
- **At that time store all user entered data into local variable. After clicking on sign up button in registration activity, it should be redirected into login activity.**
- **In login activity, user should enter login credential which have been check with local variable while click on login button.**
- **After successfully login, it should be redirected to Dashboard Activity.**
- **If login error is there then display login error by toast message in login activity. After pressing logout in dashboard activity, it should be redirected to login activity.**
- **In login activity if user press back button then app should be closed.**
- **In Registration activity if user press back button then login activity should be opened.**
- **In dashboard activity if user press back button then app should be closed.**
- **Again opening of application it will ensure that already login then it will redirect to dashboard activity otherwise it will be redirected to login activity.**

```
<?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:layout_gravity="center"
style="@style/Theme.AppCompat.Light.NoActionBar"
tools:context=".MainActivity">
```

<ImageView

```
    android:id="@+id/imageView"
    android:layout_width="175dp"
    android:layout_height="67dp"
    app:layout_constraintBottom_toTopOf="@+id/view2"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.537"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="1.0"
    app:srcCompat="@mipmap/ganpat_logo" />
```

<View

```
    android:id="@+id/view2"
    android:layout_width="220dp"
    android:layout_height="570dp"
    android:background="@drawable/view_back_gradient"
    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" />
```


<TextView

```
android:id="@+id/textView3"  
android:layout_width="wrap_content"  
android:layout_height="wrap_content"  
android:text="Login"  
android:textColor="@color/white"  
android:textSize="25sp"  
app:layout_constraintBottom_toTopOf="@+id/cardViewForm"  
app:layout_constraintEnd_toEndOf="parent"  
app:layout_constraintHorizontal_bias="0.2"  
app:layout_constraintStart_toStartOf="parent"  
app:layout_constraintTop_toBottomOf="@+id/imageView"  
app:layout_constraintVertical_bias="0.224"></TextView>
```

<TextView

```
android:layout_width="wrap_content"  
android:layout_height="wrap_content"  
android:layout_marginStart="96dp"  
android:layout_marginLeft="96dp"  
android:text="Signup"  
android:textSize="25sp"  
app:layout_constraintBottom_toBottomOf="parent"  
app:layout_constraintEnd_toEndOf="parent"  
app:layout_constraintHorizontal_bias="0.792"  
app:layout_constraintStart_toEndOf="@+id/textView3"  
app:layout_constraintTop_toTopOf="parent"  
app:layout_constraintVertical_bias="0.144"></TextView>
```

<androidx.cardview.widget.CardView

```
android:id="@+id/cardViewForm"  
android:layout_width="319dp"  
android:layout_height="321dp"  
android:padding="20dp"  
app:cardCornerRadius="20dp"  
app:cardElevation="20dp"  
app:layout_constraintBottom_toBottomOf="parent"  
app:layout_constraintEnd_toEndOf="parent"  
app:layout_constraintStart_toStartOf="parent"
```



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

```
<LinearLayout
```

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

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

```
    android:orientation="vertical">
```

```
<LinearLayout
```

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

```
    android:layout_height="match_parent"
```

```
    android:orientation="vertical"
```

```
    android:padding="20dp"
```

```
    android:paddingBottom="0dp">
```

```
<com.google.android.material.textfield.TextInputLayout
```

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

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

```
    app:startIconDrawable="@drawable/ic_baseline_email_24">
```

```
<com.google.android.material.textfield.TextInputEditText
```

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

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

```
    android:maxLines="1"
```

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

```
    android:layout_marginTop="20dp"
```

```
    android:hint="Enter Email" />
```

```
</com.google.android.material.textfield.TextInputLayout>
```

```
<com.google.android.material.textfield.TextInputLayout
```

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

```
    android:layout_height="99dp"
```

```
    app:startIconDrawable="@drawable/ic_baseline_vpn_key_24">
```

```
<com.google.android.material.textfield.TextInputEditText
```

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

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

```
android:id="@+id/password"  
android:layout_marginTop="20dp"  
android:hint="Enter Password"  
android:inputType="textPassword" />
```

```
</com.google.android.material.textfield.TextInputLayout>
```

```
<TextView
```

```
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:text="Forgot Password?"  
    android:layout_gravity="right"  
/>
```

```
</LinearLayout>
```

```
<LinearLayout
```

```
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"  
    android:background="#00000000"  
    android:layout_gravity="bottom"  
>
```

```
<ImageView
```

```
    android:scaleType="fitXY"  
    android:layout_width="match_parent"  
    android:layout_height="match_parent"  
    android:src="@drawable/ic_wave" />
```

```
</LinearLayout>
```

```
</LinearLayout>
```

```
</androidx.cardview.widget.CardView>
```

```
<androidx.cardview.widget.CardView
```

```
    android:id="@+id/cardView"  
    android:layout_width="200dp"
```



```
android:layout_height="wrap_content"
android:layout_marginLeft="70dp"
android:backgroundTint="#00000000"
app:cardElevation="30dp"
app:layout_constraintBottom_toBottomOf="@+id/cardViewForm"
app:layout_constraintEnd_toEndOf="@+id/cardViewForm"
app:layout_constraintHorizontal_bias="0.113"
app:layout_constraintStart_toStartOf="@+id/cardViewForm"
app:layout_constraintTop_toBottomOf="@+id/cardViewForm">
```

```
<androidx.appcompat.widget.AppCompatButton
    android:id="@+id/login"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@drawable/button_gradient"
    android:text="Login"
    android:textColor="@color/white"
    android:textSize="20sp" />
```

```
</androidx.cardview.widget.CardView>
```

```
<TextView
```

```
    android:id="@+id/textView"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Don't Have an Account?"
    android:textSize="20sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.497"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/view2"
    app:layout_constraintVertical_bias="0.301" />
```

```
<TextView
```

```
    android:id="@+id/account"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_gravity="right"
    android:text="Signup"
```



```
android:textAllCaps="true"
android:textColor="#FF00FF"
android:textSize="20sp"
android:textStyle="bold"
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/cardView"
app:layout_constraintVertical_bias="0.935" />
```

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

MainActivity.kt:

```
package com.example.seventh_practical_20012532001
```

```
import android.content.Intent
import android.graphics.Color
import android.os.Build
import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import android.view.View
import android.view.WindowManager
import android.widget.TextView
import android.widget.Toast
import androidx.appcompat.widget.AppCompatButton
import com.google.android.material.textfield.TextInputEditText
```

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

        setStatusBarTransparent()

        val loginBtn = findViewById<AppCompatButton>(R.id.login)
        val email = findViewById<TextInputEditText>(R.id.email)
```



```
val password = findViewById<TextInputEditText>(R.id.password)
```

```
val account = findViewById<TextView>(R.id.account)
```

```
account.setOnClickListener {
```

```
    Intent(this, SignUpActivity::class.java).apply {
```

```
        startActivity(this)
```

```
    }
```

```
}
```

```
loginBtn.setOnClickListener{
```

```
    val data : LoginInfo? = intent.extras?.getSerializable("user_data") as? LoginInfo
```

```
    if(data != null) {
```

```
        Toast.makeText(this,data.getEmail(),Toast.LENGTH_SHORT).show()
```

```
        if (email.text!!.toString() == "") {
```

```
            Toast.makeText(this, "Email Is Required!", Toast.LENGTH_SHORT).show()
```

```
        } else if (email.text!!.toString() != data.getEmail()) {
```

```
            Toast.makeText(this, "Email Is Wrong!", Toast.LENGTH_SHORT).show()
```

```
        } else if (password.text!!.toString() == "") {
```

```
            Toast.makeText(this, "Password is Required!", Toast.LENGTH_SHORT).show()
```

```
        }
```

```
        else if (password.text!!.toString() != data.getPassword()) {
```

```
            Toast.makeText(this, "Password is Wrong!", Toast.LENGTH_SHORT).show()
```

```
        } else {
```

```
            Intent(this, DashBoardActivity::class.java).apply {
```

```
                putExtra("user_data", data)
```

```
                startActivity(this)
```

```
            }
```

```
        }
```

```
    }
```

```
    else{
```

```
        Toast.makeText(this,"All Fields Are Required!",Toast.LENGTH_SHORT).show()
```

```
    }
```

```
}
```

```
}
```

```

private fun setWindowFlag(flagTranslucentStatus: Int, b: Boolean) {
    val winParameters = window.attributes
    if(b){
        winParameters.flags = winParameters.flags or flagTranslucentStatus
    }
    else{
        winParameters.flags = winParameters.flags and flagTranslucentStatus.inv()
    }
    window.attributes = winParameters
}

private fun setStatusBarTransparent(){
    if (Build.VERSION.SDK_INT in 19..20) {
        if (Build.VERSION.SDK_INT >= Build.VERSION_CODES.KITKAT) {
            setWindowFlag(WindowManager.LayoutParams.FLAG_TRANSLUCENT_STATUS,
true)
        }
    }
    if (Build.VERSION.SDK_INT >= 19) {
        window.decorView.systemUiVisibility = View.SYSTEM_UI_FLAG_LAYOUT_STABLE or
View.SYSTEM_UI_FLAG_LAYOUT_FULLSCREEN
    }

    if(Build.VERSION.SDK_INT >= 21){
        setWindowFlag(WindowManager.LayoutParams.FLAG_TRANSLUCENT_STATUS,
false)
        window.statusBarColor = Color.TRANSPARENT
    }
}

```



```

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:layout_gravity="center"
style="@style/Theme.AppCompat.Light.NoActionBar"
tools:context=".MainActivity">

<!-- <TextView-->
<!--     android:layout_width="wrap_content"-->
<!--     android:layout_height="wrap_content"-->
<!--     android:text="GUN!"-->
<!--     android:textSize="40dp"-->
<!--     android:textStyle="bold"-->
<!--     android:textColor="#0000FF"-->
<!--     android:id="@+id/gun!"-->
<!--     app:layout_constraintBottom_toTopOf="@+id/view2"-->
<!--     app:layout_constraintEnd_toEndOf="parent"-->
<!--     app:layout_constraintHorizontal_bias="0.53"-->
<!--     app:layout_constraintStart_toStartOf="parent"-->
<!--     app:layout_constraintTop_toTopOf="parent"-->
<!--     app:layout_constraintVertical_bias="0.645"></TextView-->

```

<View

```

    android:id="@+id/view2"
    android:layout_width="195dp"
    android:layout_height="662dp"
    android:background="@drawable/gradient_background1"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="1.0"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="1.0" />

```

<ImageView

```

    android:id="@+id/imageView"
    android:layout_width="175dp"

```



```
android:layout_height="67dp"
app:layout_constraintBottom_toTopOf="@+id/cardViewForm"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.022"
app:srcCompat="@mipmap/ganpat_logo" />
```

<TextView

```
android:id="@+id/textView3"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_marginBottom="40dp"
android:text="Login"
android:textSize="25sp"
app:layout_constraintBottom_toTopOf="@+id/cardViewForm"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.16"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toBottomOf="@+id/imageView"
app:layout_constraintVertical_bias="1.0"></TextView>
```

<TextView

```
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_marginStart="96dp"
android:text="Signup"
android:textColor="@color/white"
android:textSize="25sp"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.658"
app:layout_constraintStart_toEndOf="@+id/textView3"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.14"></TextView>
```



```
android:layout_width="342dp"
android:layout_height="537dp"
android:padding="20dp"
app:cardCornerRadius="20dp"
app:cardElevation="20dp"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.492"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.809">
```

<LinearLayout

```
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:orientation="vertical">
```

<LinearLayout

```
android:layout_width="match_parent"
android:layout_height="match_parent"
android:orientation="vertical"
android:padding="20dp"
android:paddingBottom="0dp">
```

<com.google.android.material.textfield.TextInputLayout

```
android:layout_width="match_parent"
android:layout_height="wrap_content"
app:startIconDrawable="@drawable/ic_baseline_account_circle_24">
```

<com.google.android.material.textfield.TextInputEditText

```
android:layout_width="match_parent"
android:id="@+id/username"
android:layout_height="wrap_content"
android:layout_marginTop="0dp"
android:hint="User Full Name" />
```

</com.google.android.material.textfield.TextInputLayout>


```
<com.google.android.material.textfield.TextInputLayout  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"  
    app:startIconDrawable="@drawable/ic_baseline_call_24">
```

```
<com.google.android.material.textfield.TextInputEditText  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"  
    android:layout_marginTop="10dp"  
    android:id="@+id/phoneno"  
    android:hint="Phone Number" />
```

```
</com.google.android.material.textfield.TextInputLayout>
```

```
<com.google.android.material.textfield.TextInputLayout  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"  
    app:startIconDrawable="@drawable/ic_baseline_location_city_24">
```

```
<com.google.android.material.textfield.TextInputEditText  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"  
    android:layout_marginTop="10dp"  
    android:id="@+id/city"  
    android:hint="City" />
```

```
</com.google.android.material.textfield.TextInputLayout>
```

```
<com.google.android.material.textfield.TextInputLayout  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"  
    app:startIconDrawable="@drawable/ic_baseline_email_24">
```

```
<com.google.android.material.textfield.TextInputEditText  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"
```



```
android:layout_marginTop="10dp"  
android:id="@+id/email"  
android:maxLines="1"  
android:hint="Email" />
```

```
</com.google.android.material.textfield.TextInputLayout>
```

```
<com.google.android.material.textfield.TextInputLayout  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"  
    app:startIconDrawable="@drawable/ic_baseline_vpn_key_24">
```

```
    <com.google.android.material.textfield.TextInputEditText  
        android:layout_width="match_parent"  
        android:layout_height="wrap_content"  
        android:layout_marginTop="10dp"  
        android:id="@+id/password"  
        android:hint="Password"  
        android:inputType="textPassword" />
```

```
</com.google.android.material.textfield.TextInputLayout>
```

```
<com.google.android.material.textfield.TextInputLayout  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"  
    app:startIconDrawable="@drawable/ic_baseline_vpn_key_24">
```

```
    <com.google.android.material.textfield.TextInputEditText  
        android:layout_width="match_parent"  
        android:layout_height="wrap_content"  
        android:layout_marginTop="10dp"  
        android:id="@+id/cpassword"  
        android:hint="Confirm Password" />
```

```
</com.google.android.material.textfield.TextInputLayout>
```


</LinearLayout>

<LinearLayout

android:layout_width="match_parent"
 android:layout_marginTop="20dp"
 android:layout_height="wrap_content"
 android:background="#00000000"
 android:layout_gravity="bottom"
 android:gravity="bottom"
 >

<ImageView

android:layout_width="match_parent"
 android:layout_height="match_parent"
 android:scaleType="fitXY"
 android:src="@drawable/ic_wave" />

</LinearLayout>

</LinearLayout>

</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView

android:layout_width="200dp"
 android:layout_height="wrap_content"
 android:backgroundTint="#00000000"
 android:foregroundGravity="center"
 app:cardElevation="30dp"
 app:layout_constraintBottom_toBottomOf="@+id/cardViewForm"
 app:layout_constraintEnd_toEndOf="@+id/cardViewForm"
 app:layout_constraintStart_toStartOf="@+id/cardViewForm"
 app:layout_constraintTop_toBottomOf="@+id/cardViewForm">

<androidx.appcompat.widget.AppCompatButton

android:id="@+id/signup"
 android:layout_width="match_parent"
 android:layout_height="match_parent"
 android:background="@drawable/button_gradient"


```
        android:text="Signup"
        android:textColor="@color/white"
        android:textSize="20sp" />
    </androidx.cardview.widget.CardView>

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

SignUpActivity.kt:

```
package com.example.seventh_practical_20012532001

import android.content.Intent
import android.graphics.Color
import android.os.Build
import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import android.view.View
import android.view.WindowManager
import android.widget.TextView
import android.widget.Toast
import androidx.appcompat.widget.AppCompatButton
import com.google.android.material.textfield.TextInputEditText

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

        statusBarTransparent()

        val signupBtn = findViewById<AppCompatButton>(R.id.signup)
        val username = findViewById<TextInputEditText>(R.id.username)
        val phoneno = findViewById<TextInputEditText>(R.id.phoneno)
        val city = findViewById<TextInputEditText>(R.id.city)
        val email = findViewById<TextInputEditText>(R.id.email)
```

```
val password = findViewById<TextInputEditText>(R.id.password)
val cpassword = findViewById<TextInputEditText>(R.id.cpassword)
```

```
signupBtn.setOnClickListener{
```

```
    when {
```

```
        username.text.toString() == "" -> {
```

```
            Toast.makeText(this, "Username is required!", Toast.LENGTH_SHORT).show()
```

```
        }
```

```
        phoneno.text.toString() == "" -> {
```

```
            Toast.makeText(this, "Phone No. is required!", Toast.LENGTH_SHORT).show()
```

```
        }
```

```
        city.text.toString() == "" -> {
```

```
            Toast.makeText(this, "City is required!", Toast.LENGTH_SHORT).show()
```

```
        }
```

```
        email.text.toString() == "" -> {
```

```
            Toast.makeText(this, "Email is required!", Toast.LENGTH_SHORT).show()
```

```
        }
```

```
        password.text.toString() == "" -> {
```

```
            Toast.makeText(this, "Password is required!", Toast.LENGTH_SHORT).show()
```

```
        }
```

```
        password.text.toString() != cpassword.text.toString() -> {
```

```
            Toast.makeText(this, "Password Doesn't Match!", Toast.LENGTH_SHORT).show()
```

```
        }
```

```
    } else -> {
```

```
        Intent(this, MainActivity::class.java).apply {
```

```
            val userData = LoginInfo(
```

```
                username.text.toString(),
```

```
                phoneno.text.toString().toLong(),
```

```
                city.text.toString(),
```

```
                email.text.toString(),
```

```
                password.text.toString()
```

```
            )
```

```
            putExtra("user_data", userData)
```

```
            startActivity(this)
```

```
        }
```

```
    }
```

```
}
```



```

    }
}

private fun setWindowFlag(flagTranslucentStatus: Int, b: Boolean) {
    val winParameters = window.attributes
    if(b){
        winParameters.flags = winParameters.flags or flagTranslucentStatus
    }
    else{
        winParameters.flags = winParameters.flags and flagTranslucentStatus.inv()
    }
    window.attributes = winParameters
}

private fun setStatusBarTransparent(){
    if (Build.VERSION.SDK_INT in 19..20) {
        if (Build.VERSION.SDK_INT >= Build.VERSION_CODES.KITKAT) {
            setWindowFlag(WindowManager.LayoutParams.FLAG_TRANSLUCENT_STATUS,
true)
        }
    }
    if (Build.VERSION.SDK_INT >= 19) {
        window.decorView.systemUiVisibility = View.SYSTEM_UI_FLAG_LAYOUT_STABLE or
View.SYSTEM_UI_FLAG_LAYOUT_FULLSCREEN
    }

    if(Build.VERSION.SDK_INT >= 21){
        setWindowFlag(WindowManager.LayoutParams.FLAG_TRANSLUCENT_STATUS,
false)
        window.statusBarColor = Color.TRANSPARENT
    }
}

override fun onDestroy() {
    Intent(this, MainActivity::class.java).apply {
        startActivity(this)
    }
    super.onDestroy()
}

```

```
<?xml version="1.0" encoding="utf-8"?>
<ScrollView xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    xmlns:app="http://schemas.android.com/apk/res-auto">
```

<LinearLayout

```
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
```

>

<LinearLayout

```
    android:layout_width="match_parent"
    android:layout_height="300dp"
    android:padding="20dp"
    android:background="@drawable/gradient_background">
```

<LinearLayout

```
    android:layout_width="260dp"
    android:layout_height="wrap_content"
    android:layout_gravity="center"
    android:gravity="center"
    android:orientation="vertical"
    android:padding="10dp">
```

<TextView

```
    android:id="@+id/name"
    android:layout_gravity="center"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:baselineAligned="false"
    android:text="Rajesh Shah"
    android:textColor="@color/white"
    android:textSize="30sp" />
```


<TextView

```
android:layout_width="wrap_content"  
android:layout_height="wrap_content"  
android:text="rajesh@123gmail.com"  
android:id="@+id/email"  
android:layout_gravity="center"  
android:textColor="#FFFFFFF0"  
android:textSize="15sp"></TextView>
```

<RatingBar

```
android:layout_width="match_parent"  
android:scaleX="0.8"  
android:scaleY="0.8"  
android:layout_height="wrap_content" />
```

</LinearLayout>

<LinearLayout

```
android:layout_width="match_parent"  
android:layout_height="wrap_content"  
android:orientation="vertical"  
android:layout_gravity="center"
```

>

<androidx.cardview.widget.CardView

```
android:layout_width="70dp"  
android:layout_gravity="center"  
app:cardCornerRadius="50dp"  
android:backgroundTint="@color/transparent"  
android:layout_height="70dp">
```

<ImageView

```
android:scaleType="fitXY"  
android:id="@+id/imageView2"  
app:tint="@color/white"  
android:backgroundTint="@color/transparent"  
android:layout_width="match_parent"  
android:layout_height="match_parent"  
android:src="@drawable/ic_base_line_account_circle_24"
```

/>

</androidx.cardview.widget.CardView>

<TextView

android:layout_width="wrap_content"

android:layout_height="wrap_content"

android:text="Logout"

android:textSize="15sp"

android:id="@+id/logout"

android:textColor="#FF0000"

android:layout_gravity="center"

/>

</LinearLayout>

</LinearLayout>

<androidx.cardview.widget.CardView

android:layout_width="300dp"

android:layout_height="wrap_content"

android:layout_gravity="center"

android:layout_marginTop="-50dp"

android:background="@color/white"

android:padding="20dp"

app:cardCornerRadius="10dp"

app:cardElevation="20dp">

<LinearLayout

android:layout_width="300dp"

android:layout_height="match_parent"

android:orientation="vertical"

android:padding="20dp">

<RelativeLayout

android:layout_width="match_parent"

android:layout_height="wrap_content"

android:layout_gravity="center"

android:orientation="horizontal">

<TextView


```
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_marginEnd="80dp"
android:layout_marginRight="80dp"
android:text="Personal Details"
android:textColor="@color/black"
android:textSize="20sp"
android:textStyle="bold"></TextView>
```

<ImageView

```
android:layout_width="35dp"
android:layout_height="35dp"
android:layout_alignParentEnd="true"
android:layout_alignParentRight="true"
android:layout_gravity="end"
android:layout_marginEnd="6dp"
android:layout_marginRight="6dp"
android:src="@drawable/ic_base_line_account_circle_24"/>
```

</RelativeLayout>

<View

```
android:layout_width="match_parent"
android:layout_height="1dp"
android:layout_marginTop="10dp"
android:layout_marginBottom="10dp"
android:background="@android:color/darker_gray" />
```

<TextView

```
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="Full Name"
android:textSize="18sp"></TextView>
```

<TextView

```
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="Rajesh Mohanlal Shah"
android:textColor="@color/black"
```

```
android:id="@+id/username"  
android:textSize="18sp"></TextView>
```

<LinearLayout

```
android:layout_width="match_parent"  
android:layout_height="match_parent"  
android:layout_marginBottom="20dp"  
android:orientation="horizontal">
```

<LinearLayout

```
android:layout_width="wrap_content"  
android:layout_height="match_parent"  
android:layout_marginTop="20dp"  
android:layout_marginRight="20dp"  
android:orientation="vertical">
```

<TextView

```
android:layout_width="wrap_content"  
android:layout_height="wrap_content"  
android:text="Phone Number"  
android:textSize="18sp"></TextView>
```

<TextView

```
android:layout_width="wrap_content"  
android:layout_height="wrap_content"  
android:text="+91 9999999999"  
android:textColor="@color/black"  
android:id="@+id/number"  
android:textSize="18sp"></TextView>
```

</LinearLayout>

<LinearLayout

```
android:layout_width="wrap_content"  
android:layout_height="match_parent"  
android:layout_marginTop="20dp"  
android:orientation="vertical">
```

<TextView


```
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="City"
    android:textSize="18sp"></TextView>
```

```
<TextView
```

```
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Mehsana, Gujarat"
    android:id="@+id/city"
    android:textColor="@color/black"
    android:textSize="18sp"></TextView>
```

```
</LinearLayout>
```

```
</LinearLayout>
```

```
<TextView
```

```
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Email Id"
    android:textSize="18sp"></TextView>
```

```
<TextView
```

```
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="rajesh123@gmail.com"
    android:id="@+id/email1"
    android:textColor="@color/black"
    android:textSize="18sp" />
```

```
</LinearLayout>
```

```
</androidx.cardview.widget.CardView>
```

```
<androidx.cardview.widget.CardView
```

```
    android:layout_width="300dp"
    android:layout_height="200dp"
    android:layout_gravity="center"
    android:layout_marginTop="30dp"
```

```
android:background="@color/white"
app:cardElevation="20dp"
android:padding="20dp"
app:cardCornerRadius="10dp">
```

<LinearLayout

```
android:layout_width="match_parent"
android:layout_height="match_parent"
android:orientation="vertical"
android:padding="20dp">
```

<RelativeLayout

```
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:layout_gravity="center"
android:orientation="horizontal">
```

<TextView

```
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_marginEnd="122dp"
android:layout_marginRight="122dp"
android:text="Description"
android:textColor="@color/black"
android:textSize="20sp"
android:textStyle="bold"></TextView>
```

<ImageView

```
android:layout_width="35dp"
android:layout_height="35dp"
android:layout_alignParentEnd="true"
android:layout_alignParentRight="true"
android:layout_gravity="end"
android:layout_marginEnd="6dp"
android:layout_marginRight="6dp"
android:src="@drawable/ic_baseline_description_24" />
```

```
</RelativeLayout>
```

```
<View
```



```
android:layout_width="match_parent"  
android:layout_height="1dp"  
android:layout_marginTop="10dp"  
android:layout_marginBottom="10dp"  
android:background="@android:color/darker_gray" />
```

```
<TextView
```

```
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:textSize="15sp"
```

```
    android:text="Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do  
    eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis  
    nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat."
```

```
>
```

```
</TextView>
```

```
</LinearLayout>
```

```
</androidx.cardview.widget.CardView>
```

```
<LinearLayout
```

```
    android:layout_width="match_parent"  
    android:layout_height="120dp"  
    android:layout_marginTop="-70dp"  
    android:layout_gravity="bottom"
```

```
>
```

```
<ImageView
```

```
    android:layout_width="match_parent"  
    android:layout_height="match_parent"  
    android:src="@drawable/ic_wave"  
    android:scaleType="fitXY"
```

```
/>
```

```
</LinearLayout>
```

```
</LinearLayout>
```

```
</ScrollView>
```

```
package com.example.seventh_practical_20012532001
```

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

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

```
import android.os.Build
```

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

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

```
import android.view.View
```

```
import android.view.WindowManager
```

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

```
class DashboardActivity : AppCompatActivity() {
```

```
    override fun onCreate(savedInstanceState: Bundle?) {
```

```
        super.onCreate(savedInstanceState)
```

```
        setContentView(R.layout.activity_dash_board)
```

```
        setStatusBarTransparent()
```

```
        val name = findViewById<TextView>(R.id.name)
```

```
        val email = findViewById<TextView>(R.id.email)
```

```
        val email1 = findViewById<TextView>(R.id.email1)
```

```
        val username = findViewById<TextView>(R.id.username)
```

```
        val number = findViewById<TextView>(R.id.number)
```

```
        val city = findViewById<TextView>(R.id.city)
```

```
        val logout = findViewById<TextView>(R.id.logout)
```

```
        logout.setOnClickListener {
```

```
            Intent(this, MainActivity::class.java).apply {
```

```
                startActivity(this)
```

```
            }
```

```
        }
```

```
        val data : LoginInfo? = intent.extras?.getSerializable("user_data") as? LoginInfo
```

```
        if(data != null){
```



```

name.text = data.getUsername()
username.text = data.getUsername()
email.text = data.getEmail()
number.text = data.getPhone().toString()
city.text = data.getCity()
email1.text = data.getEmail()
}
}
private fun setWindowFlag(flagTranslucentStatus: Int, b: Boolean) {
    val winParameters = window.attributes
    if(b){
        winParameters.flags = winParameters.flags or flagTranslucentStatus
    }
    else{
        winParameters.flags = winParameters.flags and flagTranslucentStatus.inv()
    }
    window.attributes = winParameters
}

private fun setStatusBarTransparent(){
    if (Build.VERSION.SDK_INT in 19..20) {
        if (Build.VERSION.SDK_INT >= Build.VERSION_CODES.KITKAT) {
            setWindowFlag(WindowManager.LayoutParams.FLAG_TRANSLUCENT_STATUS,
true)
        }
    }
    if (Build.VERSION.SDK_INT >= 19) {
        window.decorView.systemUiVisibility = View.SYSTEM_UI_FLAG_LAYOUT_STABLE or
View.SYSTEM_UI_FLAG_LAYOUT_FULLSCREEN
    }

    if(Build.VERSION.SDK_INT >= 21){
        setWindowFlag(WindowManager.LayoutParams.FLAG_TRANSLUCENT_STATUS,
false)
        window.statusBarColor = Color.TRANSPARENT
    }
}
}

```

```
package com.example.seventh_practical_20012532001
import java.io.Serializable
```

```
class LoginInfo : Serializable {
    private var username : String = ""
    private var phoneno : Long = 0
    private var city : String = ""
    private var email : String = ""
    private var password : String = ""
```

```
    constructor(username:String, phoneno:Long, city:String, email:String, password:String)
```

```
{
    this.username = username
    this.phoneno = phoneno
    this.city = city
    this.email = email
    this.password = password
}
```

```
fun getUsername():String {
    return this.username
}
```

```
fun getPassword():String {
    return this.password
}
```

```
fun getCity():String{
    return this.city
}
```

```
fun getEmail():String {
    return this.email
}
```

```
fun getPhone():Long{
```



```

<resources xmlns:tools="http://schemas.android.com/tools">
    <!-- Base application theme. -->
    <style name="Theme.Seventh_Practical_20012532001"
        parent="Theme.MaterialComponents.DayNight.DarkActionBar">
        <!-- Primary brand color. -->
        <item name="colorPrimary">@android:color/transparent</item>
        <item name="colorPrimaryVariant">@color/purple_700</item>
        <item name="colorOnPrimary">@color/white</item>
        <!-- Secondary brand color. -->
        <item name="colorSecondary">@color/teal_200</item>
        <item name="colorSecondaryVariant">@color/teal_700</item>
        <item name="colorOnSecondary">@color/black</item>
    </style>

    <style name="Theme.Seventh_Practical_20012532001."
        parent="Theme.AppCompat.Light.NoActionBar">
        <item name="android:windowNoTitle">true</item>
    <!--
        <item name="android:statusBarColor">@android:color/transparent</item> -->
        <item name="android:windowTranslucentStatus">true</item>
        <item name="android:windowTranslucentNavigation">true</item>
    </style>
</resources>

```

Button_gradient.xml:

```

<?xml version="1.0" encoding="utf-8"?>
<shape xmlns:android="http://schemas.android.com/apk/res/android">
    <gradient
        android:type="linear"
        android:angle="0"
        android:startColor="#228df4"
        android:endColor="#43cbf4" />

```

```
<corners
    android:radius="50dp"
/>
</shape>
```

Gradient_Background.xml:

```
<?xml version="1.0" encoding="utf-8"?>
<shape xmlns:android="http://schemas.android.com/apk/res/android">
    <gradient
        android:type="linear"
        android:angle="90"
        android:endColor="#4578ed"
        android:startColor="#cc65ac" />
</shape>
```