**Build.gradle(.app)**

plugins {

id 'com.android.application'

id 'org.jetbrains.kotlin.android'

}

android {

compileSdk 32

defaultConfig {

applicationId "com.example.madpractical3\_21012012016"

minSdk 28

targetSdk 32

versionCode 1

versionName "1.0"

testInstrumentationRunner "androidx.test.runner.AndroidJUnitRunner"

}

buildTypes {

release {

minifyEnabled false

proguardFiles getDefaultProguardFile('proguard-android-optimize.txt'), 'proguard-rules.pro'

}

}

compileOptions {

sourceCompatibility JavaVersion.VERSION\_1\_8

targetCompatibility JavaVersion.VERSION\_1\_8

}

kotlinOptions {

jvmTarget = '1.8'

}

buildFeatures{

viewBinding true

}

}

dependencies {

implementation 'androidx.core:core-ktx:1.7.0'

implementation 'androidx.appcompat:appcompat:1.5.1'

implementation 'com.google.android.material:material:1.6.1'

implementation 'androidx.constraintlayout:constraintlayout:2.1.4'

testImplementation 'junit:junit:4.13.2'

androidTestImplementation 'androidx.test.ext:junit:1.1.3'

androidTestImplementation 'androidx.test.espresso:espresso-core:3.4.0'

}

**Themes.xml**

<resources xmlns:tools="http://schemas.android.com/tools">

<!-- Base application theme. -->

<style name="Theme.MADPractical3\_21012012016" parent="Theme.MaterialComponents.DayNight.DarkActionBar">

<!-- Primary brand color. -->

<item name="colorPrimary">@color/purple\_500</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>

<!-- Status bar color. -->

<item name="android:statusBarColor" tools:targetApi="l">?attr/colorPrimaryVariant</item>

<!-- Customize your theme here. -->

</style>

</resources>

**Themes.xml(night)**

<resources xmlns:tools="http://schemas.android.com/tools">

<!-- Base application theme. -->

<style name="Theme.MADPractical3\_21012012016" parent="Theme.MaterialComponents.DayNight.DarkActionBar">

<!-- Primary brand color. -->

<item name="colorPrimary">@color/purple\_200</item>

<item name="colorPrimaryVariant">@color/purple\_700</item>

<item name="colorOnPrimary">@color/black</item>

<!-- Secondary brand color. -->

<item name="colorSecondary">@color/teal\_200</item>

<item name="colorSecondaryVariant">@color/teal\_200</item>

<item name="colorOnSecondary">@color/black</item>

<!-- Status bar color. -->

<item name="android:statusBarColor" tools:targetApi="l">?attr/colorPrimaryVariant</item>

<!-- Customize your theme here. -->

</style>

</resources>

**MainActivity.kt**

package com.example.madpractical3\_21012012016

import android.content.Intent

import androidx.appcompat.app.AppCompatActivity

import android.os.Bundle

import androidx.core.view.WindowCompat

import com.example.madpractical3\_21012012016.databinding.ActivityMainBinding

class MainActivity : AppCompatActivity()

{ private lateinit var binding: ActivityMainBinding

override fun onCreate(savedInstanceState: Bundle?) {

WindowCompat.setDecorFitsSystemWindows(window, false)

super.onCreate(savedInstanceState)

binding = ActivityMainBinding.inflate(layoutInflater)

setContentView(binding.root)

Intent(this, LoginActivity::class.java).also {startActivity(it)}

}

}

**MainActivity.xml**

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

<androidx.coordinatorlayout.widget.CoordinatorLayout

xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context=".MainActivity">

<com.google.android.material.appbar.AppBarLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:fitsSystemWindows="true">

<com.google.android.material.appbar.MaterialToolbar

android:id="@+id/toolbar"

android:layout\_width="match\_parent"

app:layout\_scrollFlags="scroll|enterAlways|snap"

android:layout\_height="?attr/actionBarSize" />

</com.google.android.material.appbar.AppBarLayout>

<androidx.core.widget.NestedScrollView

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_marginBottom="50dp"

app:layout\_behavior="@string/appbar\_scrolling\_view\_behavior">

<androidx.constraintlayout.widget.ConstraintLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

app:layout\_behavior="@string/appbar\_scrolling\_view\_behavior">

</androidx.constraintlayout.widget.ConstraintLayout>

</androidx.core.widget.NestedScrollView>

</androidx.coordinatorlayout.widget.CoordinatorLayout>

**LoginActivity.kt**

package com.example.madpractical3\_21012012016

import android.content.Intent

import androidx.appcompat.app.AppCompatActivity

import android.os.Bundle

import android.text.method.LinkMovementMethod

import android.widget.TextView

import androidx.core.view.WindowCompat

import com.example.madpractical3\_21012012016.databinding.ActivityLoginBinding

class LoginActivity : AppCompatActivity() {

private lateinit var binding: ActivityLoginBinding

override fun onCreate(savedInstanceState: Bundle?) {

WindowCompat.setDecorFitsSystemWindows(window, false)

super.onCreate(savedInstanceState)

binding = ActivityLoginBinding.inflate(layoutInflater)

setContentView(binding.root)

val signup = findViewById<TextView>(R.id.signup)

signup.setOnClickListener {

Intent(this, RegistrationActivity::class.java).also {startActivity(it)}

signup.movementMethod = LinkMovementMethod.getInstance()

}

binding.bottomNavigationView.selectedItemId = R.id.bottom\_nav\_login

binding.bottomNavigationView.setOnItemSelectedListener { it ->

when (it.itemId) {

R.id.bottom\_nav\_reg -> {

Intent(this, RegistrationActivity::class.java).also { startActivity(it) }

}

}

return@setOnItemSelectedListener true

}

}

}

**LoginActivity.xml**

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

<androidx.coordinatorlayout.widget.CoordinatorLayout

xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context=".LoginActivity">

<com.google.android.material.appbar.AppBarLayout

android:id="@+id/appBarLayout"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:fitsSystemWindows="true">

<com.google.android.material.appbar.MaterialToolbar

android:id="@+id/toolbar"

android:layout\_width="match\_parent"

android:layout\_height="?attr/actionBarSize"

app:layout\_scrollFlags="scroll|enterAlways|snap"

/>

<ImageView

android:layout\_width="match\_parent"

android:layout\_height="180sp"

android:src="@drawable/guni"

android:contentDescription="Logo"

/>

<androidx.constraintlayout.widget.ConstraintLayout

android:id="@+id/bigbossparent"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context=".LoginActivity">

<com.google.android.material.card.MaterialCardView

android:id="@+id/mainbox"

android:layout\_width="match\_parent"

android:layout\_height="290sp"

android:layout\_marginHorizontal="23sp"

android:layout\_marginVertical="15sp"

app:cardCornerRadius="20sp"

app:layout\_constraintBottom\_toBottomOf="parent"

tools:ignore="MissingConstraints"

>

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

android:id="@+id/email"

style="@style/Widget.MaterialComponents.TextInputLayout.OutlinedBox"

android:layout\_width="280sp"

android:layout\_height="80sp"

android:layout\_gravity="center\_horizontal"

android:layout\_marginVertical="30sp"

app:boxStrokeColor="@color/black"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="parent"

>

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

android:layout\_width="match\_parent"

android:layout\_height="66dp"

android:drawableEnd="@drawable/ic\_baseline\_email\_24"

android:drawableTint="#DA3D90"

android:hint="Email"

android:inputType="textEmailAddress"

android:textColorHint="#9C27B0" />

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

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

android:id="@+id/password"

style="@style/Widget.MaterialComponents.TextInputLayout.OutlinedBox"

android:layout\_width="280sp"

android:layout\_height="80dp"

android:layout\_gravity="center\_horizontal"

android:layout\_marginVertical="120sp"

app:boxStrokeColor="@color/black"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@id/email"

>

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

android:layout\_width="match\_parent"

android:layout\_height="65dp"

android:drawableEnd="@drawable/ic\_baseline\_vpn\_key\_24"

android:drawableTint="#DA3D90"

android:hint="Password"

android:inputType="textEmailAddress"

/>

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

</com.google.android.material.card.MaterialCardView>

<TextView

android:id="@+id/forgotpass"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Forgot Password?"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

android:layout\_marginVertical="70sp"

android:layout\_marginHorizontal="183sp"

android:textColor="@color/black"

android:autoLink="all"

android:textSize="18sp"

android:elevation="7sp"

tools:ignore="MissingConstraints"

>

</TextView>

<androidx.constraintlayout.widget.ConstraintLayout

android:layout\_width="wrap\_content"

android:layout\_height="60sp"

android:elevation="7sp"

android:layout\_marginHorizontal="128sp"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

android:layout\_marginBottom="-15sp"

>

<Button

android:id="@+id/bt"

android:layout\_width="150sp"

android:layout\_height="50sp"

android:backgroundTint="#6200ee"

android:text="Login"

android:textSize="18sp"

app:cornerRadius="40sp"

tools:ignore="MissingConstraints,NotSibling"

/>

</androidx.constraintlayout.widget.ConstraintLayout>

</androidx.constraintlayout.widget.ConstraintLayout>

</com.google.android.material.appbar.AppBarLayout>

<androidx.core.widget.NestedScrollView

android:id="@+id/nestedScrollView"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_marginBottom="50dp"

app:layout\_behavior="@string/appbar\_scrolling\_view\_behavior"

tools:ignore="SpeakableTextPresentCheck">

<androidx.constraintlayout.widget.ConstraintLayout

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

app:layout\_behavior="@string/appbar\_scrolling\_view\_behavior"

android:layout\_marginTop="70sp"

>

<TextView

android:id="@+id/t1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Don't have a account?"

android:textSize="17sp"

tools:ignore="MissingConstraints"

app:layout\_constraintLeft\_toLeftOf="parent"

android:layout\_marginLeft="70sp"

>

</TextView>

<TextView

android:id="@+id/signup"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Sign Up"

android:textSize="17sp"

android:textColor="#DA3D90"

android:textStyle="bold"

android:textAllCaps="true"

tools:ignore="MissingConstraints"

app:layout\_constraintLeft\_toLeftOf="@+id/t1"

android:layout\_marginLeft="190sp"

>

</TextView>

</androidx.constraintlayout.widget.ConstraintLayout>

</androidx.core.widget.NestedScrollView>

<com.google.android.material.bottomnavigation.BottomNavigationView

android:id="@+id/bottomNavigationView"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_gravity="bottom"

app:layout\_anchor="@+id/nestedScrollView"

app:layout\_anchorGravity="bottom|center"

app:layout\_behavior="com.google.android.material.behavior.HideBottomViewOnScrollBehavior"

app:menu="@menu/navigation\_menu" />

</androidx.coordinatorlayout.widget.CoordinatorLayout>

**RegistrationActivity.kt**

package com.example.madpractical3\_21012012016

import android.content.Intent

import androidx.appcompat.app.AppCompatActivity

import android.os.Bundle

import android.text.method.LinkMovementMethod

import android.widget.TextView

import androidx.core.view.WindowCompat

import com.example.madpractical3\_21012012016.databinding.ActivityRegistrationBinding

class RegistrationActivity : AppCompatActivity() {

private lateinit var binding: ActivityRegistrationBinding

override fun onCreate(savedInstanceState: Bundle?) {

WindowCompat.setDecorFitsSystemWindows(window, false)

super.onCreate(savedInstanceState)

binding =ActivityRegistrationBinding.inflate(layoutInflater)

setContentView(binding.root)

val login = findViewById<TextView>(R.id.logins)

login.setOnClickListener {

Intent(this, LoginActivity::class.java).also {startActivity(it)}

login.movementMethod = LinkMovementMethod.getInstance();

}

binding.bottomNavigationView.selectedItemId = R.id.bottom\_nav\_reg

binding.bottomNavigationView.setOnItemSelectedListener { it ->

when (it.itemId) {

R.id.bottom\_nav\_login -> {

Intent(this, LoginActivity::class.java).also { startActivity(it) }

}

}

return@setOnItemSelectedListener true

}

}

}

**RegistrationActivity.xml**

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

<androidx.coordinatorlayout.widget.CoordinatorLayout

xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context=".RegistrationActivity">

<com.google.android.material.appbar.AppBarLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:fitsSystemWindows="true"

>

<com.google.android.material.appbar.MaterialToolbar

android:id="@+id/toolbar"

android:layout\_width="match\_parent"

app:layout\_scrollFlags="scroll|enterAlways|snap"

android:layout\_height="?attr/actionBarSize" />

</com.google.android.material.appbar.AppBarLayout>

<androidx.core.widget.NestedScrollView

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

app:layout\_behavior="com.google.android.material.appbar.AppBarLayout$ScrollingViewBehavior">

<LinearLayout

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_marginTop="-40sp"

android:orientation="vertical">

<ImageView

android:layout\_width="match\_parent"

android:layout\_height="180sp"

android:layout\_marginBottom="-45sp"

android:src="@drawable/guni" />

<com.google.android.material.card.MaterialCardView

android:layout\_width="match\_parent"

android:layout\_height="523sp"

android:layout\_marginHorizontal="23sp"

android:layout\_marginVertical="15sp"

app:cardCornerRadius="20sp"

app:cardElevation="7sp"

app:strokeColor="@color/black"

tools:ignore="MissingConstraints">

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

android:id="@+id/username"

style="@style/Widget.MaterialComponents.TextInputLayout.OutlinedBox"

android:layout\_width="280sp"

android:layout\_height="80sp"

android:layout\_gravity="center\_horizontal"

android:layout\_marginVertical="30sp"

app:boxStrokeColor="@color/black">

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

android:layout\_width="match\_parent"

android:layout\_height="66dp"

android:drawableEnd="@drawable/ic\_baseline\_person\_24"

android:drawableTint="#DA3D90"

android:hint="User Full Name"

android:inputType="text"

android:textColorHint="@color/black"

/>

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

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

android:id="@+id/phone"

style="@style/Widget.MaterialComponents.TextInputLayout.OutlinedBox"

android:layout\_width="280sp"

android:layout\_height="80sp"

android:layout\_gravity="center\_horizontal"

android:layout\_marginVertical="105sp"

app:boxStrokeColor="@color/black">

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

android:layout\_width="match\_parent"

android:layout\_height="66dp"

android:drawableEnd="@drawable/ic\_baseline\_phone\_android\_24"

android:drawableTint="#DA3D90"

android:hint="Phone Number"

android:inputType="number"

/>

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

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

android:id="@+id/city"

style="@style/Widget.MaterialComponents.TextInputLayout.OutlinedBox"

android:layout\_width="280sp"

android:layout\_height="80sp"

android:layout\_gravity="center\_horizontal"

android:layout\_marginVertical="180sp"

app:boxStrokeColor="@color/black">

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

android:layout\_width="match\_parent"

android:layout\_height="66dp"

android:drawableEnd="@drawable/ic\_baseline\_person\_24"

android:drawableTint="#DA3D90"

android:hint="City"

android:inputType="text"

/>

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

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

android:id="@+id/email"

style="@style/Widget.MaterialComponents.TextInputLayout.OutlinedBox"

android:layout\_width="280sp"

android:layout\_height="80sp"

android:layout\_gravity="center\_horizontal"

android:layout\_marginVertical="255sp"

app:boxStrokeColor="@color/black">

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

android:layout\_width="match\_parent"

android:layout\_height="66dp"

android:drawableEnd="@drawable/ic\_baseline\_email\_24"

android:drawableTint="#DA3D90"

android:hint="Email"

android:inputType="textEmailAddress"

/>

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

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

android:id="@+id/pass"

style="@style/Widget.MaterialComponents.TextInputLayout.OutlinedBox"

android:layout\_width="280sp"

android:layout\_height="80sp"

android:layout\_gravity="center\_horizontal"

android:layout\_marginVertical="330sp"

app:boxStrokeColor="@color/black">

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

android:layout\_width="match\_parent"

android:layout\_height="66dp"

android:drawableEnd="@drawable/ic\_baseline\_vpn\_key\_24"

android:drawableTint="#DA3D90"

android:hint="Password"

android:inputType="textPassword"

/>

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

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

android:id="@+id/confirmpasss"

style="@style/Widget.MaterialComponents.TextInputLayout.OutlinedBox"

android:layout\_width="280sp"

android:layout\_height="80sp"

android:layout\_gravity="center\_horizontal"

android:layout\_marginVertical="405sp"

app:boxStrokeColor="@color/black">

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

android:layout\_width="match\_parent"

android:layout\_height="66dp"

android:drawableEnd="@drawable/ic\_baseline\_vpn\_key\_24"

android:drawableTint="#DA3D90"

android:hint="Confirm Password"

android:inputType="textEmailAddress"

/>

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

</com.google.android.material.card.MaterialCardView>

<LinearLayout

android:layout\_width="wrap\_content"

android:layout\_height="match\_parent"

android:layout\_gravity="center\_horizontal"

android:layout\_marginTop="-45sp"

android:layout\_marginBottom="80sp"

android:elevation="10sp"

android:orientation="vertical">

<Button

android:id="@+id/b"

android:layout\_width="135sp"

android:layout\_height="50sp"

android:layout\_gravity="center\_horizontal"

android:backgroundTint="#6200ee"

android:elevation="10sp"

android:text="Register"

android:textSize="19sp"

app:cornerRadius="40sp"

tools:ignore="MissingConstraints,NotSibling" />

<TextView

android:id="@+id/tss"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginTop="30sp"

android:text="Do you have an account?"

android:textSize="17sp"

tools:ignore="MissingConstraints"></TextView>

<TextView

android:id="@+id/logins"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginLeft="200sp"

android:layout\_marginTop="-23sp"

android:text="Login"

android:textAllCaps="true"

android:textColor="#DA3D90"

android:textSize="17sp"

android:textStyle="bold"

tools:ignore="MissingConstraints"></TextView>

</LinearLayout>

</LinearLayout>

</androidx.core.widget.NestedScrollView>

<com.google.android.material.bottomnavigation.BottomNavigationView

android:id="@+id/bottomNavigationView"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_gravity="bottom"

app:layout\_behavior="com.google.android.material.behavior.HideBottomViewOnScrollBehavior"

app:menu="@menu/navigation\_menu" />

</androidx.coordinatorlayout.widget.CoordinatorLayout>

**navigation\_menu.xml**

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

<menu xmlns:android="http://schemas.android.com/apk/res/android">

<item

android:id="@+id/bottom\_nav\_login"

android:title="Login"

android:icon="@drawable/ic\_baseline\_login\_24"

/>

<item

android:id="@+id/bottom\_nav\_reg"

android:title="Registration"

android:icon="@drawable/ic\_baseline\_how\_to\_reg\_24"

/>

</menu>

    