

Practical 3

@ activity_login.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<LinearLayout 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"/>

        <com.google.android.material.appbar.AppBarLayout
            android:id="@+id/appBarLayout2"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            app:layout_scrollFlags="scroll|enterAlways|snap"/>
    
```



<ndroidx.core.widget.nestedscrollview

andoid:id="@+id/nestedscrollview"

andoid:layout.width="match-parent"

andoid:layout.height="match-parent"

andoid:layout.marginBottom="50dp"

app:layout_behavior="@string/appbar_scrolling_view_behavior")

<ndroidx.constraintlayout.widget.ConstraintLayout

andoid:layout_width="match-parent"

andoid:layout_height="match-parent"

app:layout_behavior="@string/appbar_scrolling_view_behavior")

<imageview

andoid:id="@+id/imageview"

andoid:layout_width="match-parent"

andoid:layout_height="100dp"

andoid:src="@drawable/guri-logo"

tools:ignore="missingConstraints"/>

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

andoid:id="@+id/cv-login"

andoid:layout_width="match-parent"

andoid:layout_height="wrap_content"

andoid:layout_gravity="center"

app:layout_centerGravity="center"

andoid:layout_marginStart="20dp"

andoid:layout_marginEnd="20dp"

app:cardElevation="20dp"

app:layout_constraintTop_toBottomOf = "@+id/imageView"

tools:layout_editor_absoluteX = "20dp")

<com.google.android.material.textField.TextInputLayout
 android:layout_width = "match_parent"
 android:layout_height = "wrap_content"
 android:layout_marginStart = "20dp"
 android:layout_marginTop = "20dp"
 android:layout_marginEnd = "20dp"
 android:hint = "Email"
 app:endIconDrawable = "@drawable/ic-baseline_email_24"
 app:endIconContent = "@color/icon_color"
 app:endIconMode = "custom")

<com.google.android.material.textField.TextInputEditText
 android:layout_width = "match_parent"
 android:layout_height = "wrap_content"
 android:inputType = "textEmailAddress"/>)

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

<com.google.android.material.textField.TextInputLayout
 android:layout_width = "match_parent"
 android:layout_height = "wrap_content"

android: layout_marginStart = "120dp"
android: layout_marginTop = "90dp"
android: layout_marginEnd = "120dp"
android: hint = "password"
app: endIconText = "@color/icon-color"
app: endIconDrawable = "@drawable/ic-baseline-vpn-key-24"
app: endFromMode = "custom" />

<com.google.android.material.textfield.Text
InputEditText

android: layout_width = "match_parent"
android: layout_height = "wrap_content"
android: inputType = "textPassword" />

</com.google.android.material.textfield.Text
InputLayout>

<Textview>

android: layout_width = "wrap_content"
android: layout_height = "wrap_content"
android: layout_gravity = "right"
android: layout_marginTop = "170dp"
android: layout_marginEnd = "120dp"
android: layout_marginBottom = "10dp"
android:text = "Forgot password ?" />

<com.google.android.material.card.Material
CardView>



Landwickx constraintlayout.widget.constraintlayout
and id : elevation = "12dp"
app:layout_constraintEnd_toEndOf = "@+id/cv-login"
app:layout_constraintStart_toStartOf = "@+id/cv-login"
app:layout_constraintTop_toBottomOf = "@+id/cv-login"
android:layout_marginTop = "-2dp"
android:layout_width = "wrap-content"
android:layout_height = "wrap-content"/>

<button

app:layout_constraintStart_toStartOf = "parent"
app:layout_constraintTop_toTopOf = "parent"
android:id = "@+id/btn-login"
android:layout_width = "wrap-content"
android:layout_height = "wrap-content"
android:text = "Login")

</constraintlayout.widget.constraintlayout>

(Textview)

android:id = "@+id/textview"
android:layout_width = "wrap-content"
android:layout_height = "wrap-content"
android:text = "Don't have account?"
android:layout_marginEnd = "30dp"
android:layout_marginTop = "50dp"
app:layout_constraintEnd_toEndOf = "@+id/
cv-login"
app:layout_constraintStart_toStartOf = "@+id/
cv-login"
app:layout_constraintTop_toBottomOf = "@+id/
cv-login")



< TextView

 android:id = "@+id/tv_signup"

 android:layout_width = "wrap_content"

 android:layout_height = "wrap_content"

 android:text = "SIGN UP"

 android:textColor = "#DB3D92"

 android:textStyle = "bold"

 app:layout_constraintBottom_toBottomOf =
 "@+id/textview1"

 app:layout_constraintStart_toEndOf = "@+id/
 textview1")

</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 = "75dp"

 app:layout_anchor = "@+id/nestedscrollview1"

 app:layout_anchorGravity = "bottom | center"

 app:menu = "@menu/navigation-menu")

</androidx.coordinatorlayout.widget.CoordinatorLayout>



activity-registration.xml

```
<?xml version = "1.0" encoding = "utf-8"?>
<LinearLayout xmlns:android = "http://schemas.android.com/apk/res/android"
    xmlns:tools = "http://schemas.android.com/tools"
    android:id = "@+id/tool_bar"
    android:layout_width = "match_parent"
    android:layout_height = "match_parent"
    tools:context = ".RegistrationActivity">
```

```
<com.google.android.material.appbar.AppBarLayout
    android:id = "@+id/app_bar_layout"
    android:layout_width = "match_parent"
    android:layout_height = "wrap_content"
    android:fitsSystemWindows = "true">
```

```
<com.google.android.material.toolbar.ToolBar
    android:id = "@+id/tool_bar"
    android:layout_width = "match_parent"
    android:layout_height = "?attr/actionBarSize"
    app:layout_scrollFlags = "scroll|centerAlways|snap"/>
```

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



<androidx.core.widget.NestedScrollView>

 android:id = "@+id/nestedScrollView2"

 android:layout_width = "match_parent"

 android:layout_height = "match_parent".

 android:layout_marginBottom = "50dp"

 app:layout_behavior = "@string/appbar_scrolling_view_behavior")

<LinearLayout>

 android:layout_width = "match_parent"

 android:layout_height = "match_parent"

 android:orientation = "vertical"

 app:layout_behavior = "@string/appbar_scrolling_view_behavior")

<ImageView>

 android:layout_width = "match_parent"

 android:layout_height = "100dp"

 android:src = "@drawable/guni_logo")

From google android.material.card, MaterialCardView

 android:layout_width = "match_parent"

 android:layout_height = "wrap_content"

 android:layout_gravity = "center"

 android:layout_marginStart = "20dp"

 android:layout_marginEnd = "20dp"

 android:layout_marginBottom = "20dp"

 android:elevation = "10dp"

 app:cardCornerRadius = "15dp"

 app:cardElevation = "20dp")

<LinearLayout

 android:layout_width = "match_parent"

 android:layout_height = "match_parent"

 android:orientation = "vertical">

<com.google.android.material.TextFieldLayout

 android:layout_width = "match_parent"

 android:layout_height = "wrap_content"

 android:layout_marginStart = "20dp"

 android:layout_marginTop = "20dp"

 android:layout_marginEnd = "20dp"

 android:hint = "use full number"

 app:endIconDrawable = "@drawable/ic_baseline

person_24"

 app:endIconMode = "custom"

 app:endIconTint = "@color/icon_color">

</com.google.android.material.TextFieldLayout>

<com.google.android.material.TextFieldLayout

 android:layout_width = "match_parent"

 android:layout_height = "wrap_content"

 android:layout_marginStart = "20dp"

 android:layout_marginTop = "5dp"

 android:layout_marginEnd = "20dp"

 android:hint = "phone Number"

 app:endIconDrawable = "@drawable/ic_baseline

phone_android_24"

 app:endIconMode = "custom"



```
app: endIconTint = "@color/icon_color")
```

```
<com.google.android.material.textField.TextInput
```

```
EditText
```

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

```
android: layout_height = "wrap_content" />
```

```
<com.google.android.material.textField.TextInput
```

```
Layout
```

```
<com.google.android.material.textField.TextInput
```

```
Layout
```

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

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

```
android: layout_marginStart = "20dp"
```

```
android: layout_marginTop = "5dp"
```

```
android: layout_marginEnd = "20dp"
```

```
android: hint = "city"
```

```
app: endIconDrawable = "@drawable/ic_baseline_location_city_24"
```

```
app: endIconMode = "custom"
```

```
app: endIconTint = "@color/icon_color")
```

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

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

```
android: layout_height = "wrap_content" />
```

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

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

android:layout_width = "match_parent"

android:layout_height = "wrap_content"

android:layout_marginStart = "20dp"

android:layout_marginTop = "5dp"

android:layout_marginEnd = "20dp"

android:hint = "Email"

app:endIconDrawable = "@drawable/ic_baseline_email_24"

app:endIconMode = "custom"

app:endIconTint = "@color/icon_color")

from com.google.android.material.textfield.TextInput
EditText

android:layout_width = "match_parent"

android:layout_height = "wrap_content"

android:inputType = "textEmailAddress" />

from com.google.android.material.textfield.TextInputLayout

com.google.android.material.textfield.TextInputLayout

android:layout_width = "match_parent"

android:layout_height = "wrap_content"

android:layout_marginStart = "20dp"

android:layout_marginTop = "5dp"

android:layout_marginEnd = "20dp"

android:hint = "Password"

app:endIconDrawable = "@drawable/ic_baseline_vpn_key_24"

app:endIconMode = "custom"

app:endIconTint = "@color/icon_color" />

com.google.android.material.textField TextInput
EditText

android:layout-width = "match-parent"

android:layout-height = "wrap-content"

android:inputType = "textPassword" />

com.google.android.material.textField TextInput
Layouts

com.google.android.material.textField TextInput
Layout

android:layout-width = "match-parent"

android:layout-height = "wrap-content"

android:layout-marginStart = "20dp"

android:layout-marginTop = "5dp"

android:layout-marginEnd = "20dp"

android:layout-marginBottom = "5dp"

android:hint = "confirm password"

app:endIconDrawable = "@drawable/ic_baseline_vpn_key_24"

app:endIconMode = "custom"

app:endIconTint = "@color/icon-color" />

com.google.android.material.textField TextInput
EditText

android:layout-width = "match-parent"

android:layout-height = "wrap-content"

android:inputType = "textPassword" />

com.google.android.material.textField TextInputLayout

</Linearlayout>

views.google.android.widget.recyclerview.card.materialcardview

<Linearlayout

android:layout_width = "wrap_content"

android:layout_height = "wrap_content"

android:layout_gravity = "center_horizontal/
bottom"

android:layout_marginTop = "10dp"

android:elevation = "20dp")

<Button>

android:layout_width = "wrap_content"

android:layout_height = "wrap_content"

android:text = "Register"

android:elevation = "5dp" />

</Linearlayout>

<Linearlayout

android:layout_width = "wrap_content"

android:layout_height = "wrap_content"

android:layout_gravity = "center_horizontal"

android:layout_marginTop = "20dp"

android:orientation = "horizontal">

<TextView>

android:layout_width = "wrap_content"

android:layout_height = "wrap_content"

android:text = "Do you have account?"

android:layout_marginBottom = "40dp" />

android:layout_gravity = "center_horizontal" />

<TextView>

 android:id = "@+id/tv_login"

 android:layout_width = "wrap_content"

 android:layout_height = "wrap_content"

 android:text = "LOGIN"

 android:textColor = "#DB3D91"

 android:textStyle = "bold"

 android:layout_marginStart = "10dp" />

</LinearLayout>

</LinearLayout>

</CoordinatorLayout>

(com.google.android.material.bottomnavigation.
BottomNavigationView)

 android:id = "@+id/bottomnavigationview"

 android:layout_width = "match_parent"

 android:layout_height = "75dp"

 android:layout_gravity = "bottom"

 app:menu = "@menu/navigation_menu" />

</CoordinatorLayout>

Login Activity .kt

package com.example.madpractical3.21012022042

import android.content.Intent

import android.app.AppCompatActivity

import android.os.Bundle

import com.example.madpractical3.21012022042.

.databinding.ActivityLoginBinding

class LoginActivity : AppCompatActivity {

private lateinit var binding: ActivityLoginBinding

override fun onCreate(savedInstanceState: Bundle?) {

super.onCreate(savedInstanceState)

binding = ActivityLoginBinding.inflate(LayoutInflater

(this)

setContentView(binding.root)

setSupportActionBar(binding.toolbar)

binding.bottomNavigationView.selectedItemId =

R.id.bottom_nav_login

binding.bottomNavigationView.setOnItemSelectedListener

listener: ItemSelected

when (it.itemId) {

5

A. id. bottom_nav_login ->

6

Intent(this, RegistrationActivity::class.java).also

startActivity(it)

return @setOnItemSelectedListener != null

binding. TV sign up set on clickalists page

Intent (this RegistrationActivity is class Java)

Start Activity (this)

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RegistrationActivity.kt

package com.example.madpractical3_21012022042

import android.content.Intent

import androidx.appcompat.app.AppCompatActivity

import android.os.Bundle

import com.example.madpractical3_21012022042.databinding.ActivityRegistrationBinding

class RegistrationActivity : AppCompatActivity () {

private lateinit var binding : ActivityRegistrationBinding

override fun onCreate(savedInstanceState: Bundle?) {
super.onCreate(savedInstanceState)

binding = ActivityRegistrationBinding.inflate(layoutInflater)

setContentView(binding.root)

setSupportActionBar(binding.toolbar)

binding.bottomNavigationview.selectedItemId =

R.id.bottom_nav_login

binding.bottomNavigationview.setOnItemSelectedListener

listener: ItemSelected

when (item.itemId)

{

R.id.bottom_nav_login ->

5

Intent(this, LoginActivity::class.java).also

}
3
return @ SetOnItemSelectedListener true

}
binding, tvLogin, setOnClickListener

Intent(this, LoginActivity.class.java).setClassActivity
{ StartActivity(this)}

Resource:

v drawable

coo - cardview-border.xml

juni - logo.png

ic - baseline_email_24.xml

ic - baseline_how_to_reg_24.xml

ic - baseline_location_city_24.xml

ic - baseline_login_24.xml

ic - baseline_person_24.xml

ic - baseline_phone_android_24.xml

ic - baseline VPN-KEY_24.xml

ic - lang_dots - background.xml

ic - baseline_foreground.xml (v21)