

MY PRESENTATION IS ABOUT MY WEATHER APP

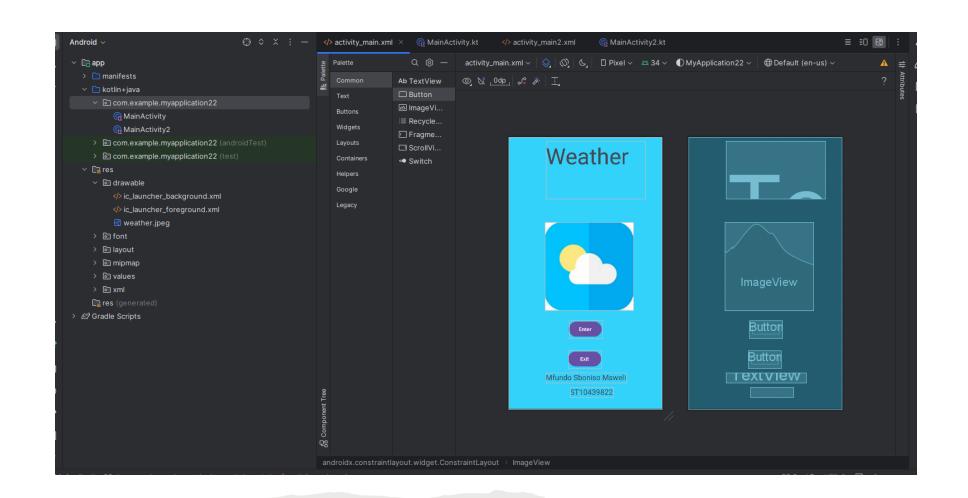
My Name is Mfundo Sboniso Msweli and the name of my app is called Weather Pal I will be explaining what my app is what it does. But first let us get into the what the I have done and explain how my app runs.

I will be sharing screenshots and of my code and explain every detail of it. Tan at the end I'll explain what my app does and where you can get it.





Below will be an example of my code being conducted into a running app. It is still at it's early stages where I am planning it out on how I want it to look like when you open the app.



```
package com.example.myapplication22

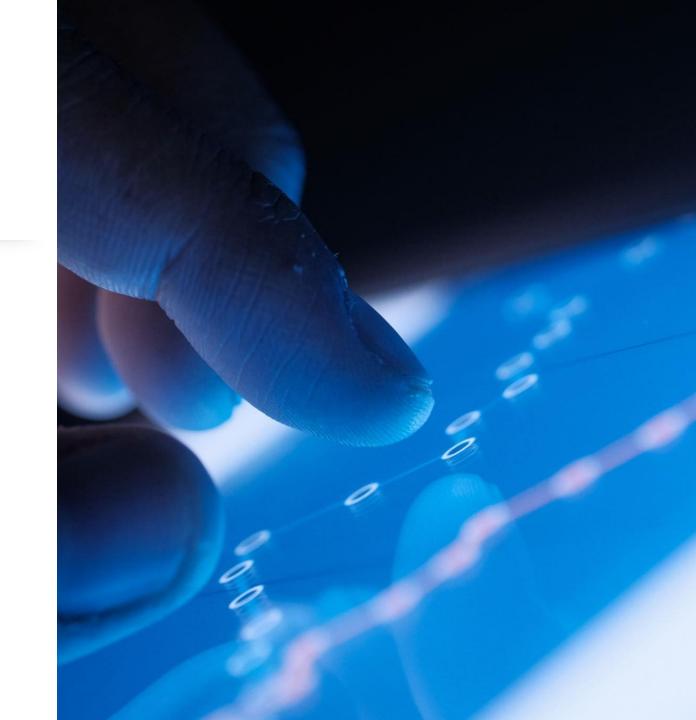
∨ □ app

 > manifests
                                                              import android.annotation.SuppressLint
  import android.os.Bundle
                                                              import android.widget.Button
         @ MainActivity
                                                              import androidx.appcompat.app.AppCompatActivity
        @ MainActivity2
    > o com.example.myapplication22 (androidTest)
                                                          class MainActivity : AppCompatActivity() {
    > com.example.myapplication22 (test)
                                                                  @SuppressLint("UnsafeIntentLaunch")
                                                                  override fun onCreate(savedInstanceState: Bundle?) {
                                                                      super.onCreate(savedInstanceState)
    drawable
        ic_launcher_background.xml
                                                                      setContentView(R.layout.activity_main)
                                                                      findViewById<Button>(R.id.btn_Enter)
        weather.jpeg
                                                                      val btnEnter: Button = findViewById(R.id.btn_Enter)
    > 🖻 font
                                                                      val btnExit: Button = findViewById(R.id.btn_Exit)
    > 🖻 layout
    > 🖻 mipmap
                                                                      btnEnter.setOnClickListener {
    > 🖭 values
                                                                          val intent = <u>intent</u>
    > 🖭 xml
                                                                          startActivity(intent)
    res (generated)
> @ Gradle Scripts
```

```
modifier_ob.
  mirror object to mirror
mirror_mod.mirror_object
peration == "MIRROR_X":
irror_mod.use_x = True
irror_mod.use_y = False
irror_mod.use_z = False
 _operation == "MIRROR_Y"
lrror_mod.use_x = False
 "Irror_mod.use_y = True"
 lrror_mod.use_z = False
  _operation == "MIRROR_Z"
  rror_mod.use_x = False
  rror_mod.use_y = False
  rror_mod.use_z = True
  selection at the end -add
   ob.select= 1
   er ob.select=1
   ntext.scene.objects.active
   "Selected" + str(modifie
   lrror_ob.select = 0
  bpy.context.selected_obj
   ata.objects[one.name].se
  int("please select exactle
  --- OPERATOR CLASSES ----
    pes.Operator):
     X mirror to the selected
   ject.mirror_mirror_x"
  ext.active_object is not
```

Above is a code written in kotlin and is part of an Android app. It's the main activity of the app which is the first screen that appears when the app is up.

The next slide is a code for the main screen activity of my android app.



```
☐ app
> manifests
                                                                    array0f("2024-04-27", "2024-04-28", "2024-04-29", "2024-
kotlin+java
                                                                    arrayOf("50 minutes", "60 minutes", "25 minutes", "13 mi
                                                                                                                                                          14 0 V
                                                                                                                                                                     override fun onCreate(Saveus.
                                                                    arrayOf("Used for work and research", "Watched work re
                                                                                                                                                                          super.onCreate(savedInstanceState)
       @ MainActivity
                                                                                                                        cation22
                                                                                                                                                                          setContentView(R.layout.activity_main2)
                                                                    btnDisplay.setOnClickListener{
       @ MainActivity2
                                                                                                                                                                     ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.btn_Enter
                                                                        val dayTime=txtDay.text.toString()
  > o com.example.myapplication22 (androidTest)
                                                                                                                                                                          val systemBars =insert.getInsets(WindowInsetsCompat.Type.systemBa
                                                                        val morningTime=txtMorningTime.text.toString()
  > a com.example.myapplication22 (test)
                                                                                                                                                                          v.setPadding(systemBars.right, systemBars.top, systemBars.right,
                                                                        val afternoonTime=txtAfternoonTime.text.toStringcation22 (androidTest)

∨ 
□ res

                                                                        val activityNote=txtActivityNote.<u>text</u>.toString() cation22 (test)
                                                                                                                                                                          insert ^setOnApplyWindowInsetsListener
  run {
      ic_launcher_background.xml
                                                                            intent.apply {
                                                                                                                                                                          val txtDay:EditText=findViewById(R.id.txt_Day)
      ic_launcher_foreground.xml
                                                                                putExtra( name: "dayTime", dayTime)
                                                                                                                                                                          val txtMorningTime:EditText=findViewById(R.id.txt_MorningTime)
      weather.jpeg
                                                                                putExtra( name: "morningTime", morningTim(ound.xml
                                                                                                                                                                          val txtAfternoonTime:EditText=findViewById(R.id.txt_afternoonTime
  > 🖻 font
                                                                                putExtra( name: "afternoonTime", afternooround.xml
                                                                                                                                                                          val txtActivityNote:EditText=findViewById(R.id.txt_activityNote)
  > 🖻 layout
                                                                                putExtra( name: "activityNotes", activityNotes")
                                                                                startActivity(intent)
  > 🖻 mipmap
                                                                                                                                                                          val textViewMessage:TextView=findViewById(R.id.txt_viewMessages)
  > 🖻 values
                                                                                                                                                                          val btnDisplay:Button=findViewById(R.id.btn_Display)
                                                                            textViewMessage.<u>text</u> = getString(R.string.<u>ap</u>
  > Image: > > ∞ xml
                                                                                                                                                                          val btnClear:Button=findViewById(R.id.btn_Clear)
  res (generated)
                                                                                                                                                                          val btnBack:Button=findViewById(R.id.btn_Back)
@ Gradle Scripts
                                                                        btnClear.setOnClickListener {
                                                                        txtDay.<u>text</u>.clear()
                                                                                                                                                                          array0f("2024-04-27", "2024-04-28", "2024-04-29", "2024-04-30", "2024
                                                                        txtMorningTime.text.clear()
                                                                                                                                                                          arrayOf("50 minutes","60 minutes","25 minutes","13 minutes","35 m
                                                                        txtAfternoonTime.text.clear()
                                                                                                                                                                         arrayOf("Used for work and research", "Watched work related videos
                                                                        txtActivityNote.text.clear()
                                                                                                                                                                          btnDisplay.setOnClickListener{
                                                                        btnBack.setOnClickListener {
                                                                                                                                                                              val dayTime=txtDay.text.toString()
                                                                            finish()
                                                                                                                                                                              val morningTime=txtMorningTime.text.toString()
                                                                                                                                                                              val afternoonTime=txtAfternoonTime.text.toString()
                                                                                                                                                                              val activityNote=txtActivityNote.<u>text</u>.toString()
                                                                                                                                                                              run {
                                                                                                                                                                                  intent.apply {
                                                                                                                                                                                       putExtra( name: "dayTime", dayTime)
                                                                                                                                                                                       putExtra( name: "morningTime", morningTime)
                                                                                                                                                                                            ytra( name: "afternoonTime", afternoonTime)
```

val binsack:sulion=tindviewsyld(k.id.bin_sack)

WEATHER PAL

WHAT IS MY APP ABOUT?

I call it Weather Pal, it is a user friendly and feature rich mobile application designed to provide accurate and up to date weather information to users. The app offers current weather conditions, forecast, and alerts for location all around the world.

Upon opening the app, users are greeted with clean and intuitive interface that displays the current weather conditions for their default location. They can easily switch between different locations using pressing enter on the app itself.

The application provides detailed weather forecast, including temperature, humidity and predicated chances. User can view minutes and dates of the weather when needed.

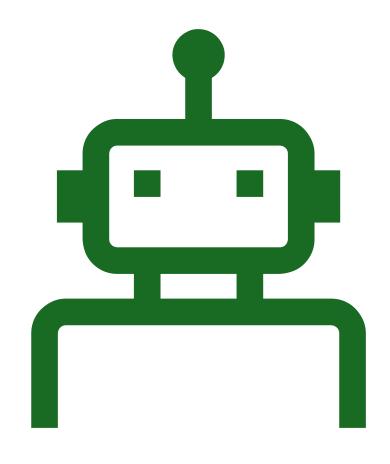
One of the unique features of Weather Pal is that it's very easy to use and has an ability to provide personalized weather alerts. Users can set custom notification for specific weather conditions. Weather Pal also includes a range of additional features, like weather widges for home screen.



How reliable is it?

Weather

Pal fetches data from trusted and reputable weather services. Real time updates, the app receives real time updates, providing users with the most current weather information. We ather Pal also utilizes advanced algorithms to process and analyze weather data, enabling precise, precise forecasts and alerts.



Where can I get it?

You can download Weather Pal from the following places

Google play store and App store.

