



Ganpat
University

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Enhance an application which is already created in practical-7 by implementing following features:

- 1. Copy practical-7 into different folder with name of practical-9 & change name of application also. Add bottom navigation bar with two menu Dashboard & Notes as shown in following images.**
- 2. Display Real time clock with Date & time by using "TextClock" in dashboard activity. In dashboard Activity, Schedule specific alarm time & at that alarm time, one mp3 alarm file should be played (Achieve this by using AlarmManager & BroadcastReceiver). Create only one Broadcast receiver so that it can be reused for note reminder also.**
- 3. Create Notes class with attributes (id, Title, SubTitle, Description, modifiedTime, isReminder, ReminderTime) & use companion object to store all notes in arrayList.**
- 4. Create ListView & its adapter to display all notes.**
- 5. Create Common Custom Dialog Box for add, edit note.**
- 6. Note should be deleted by clicking on icon of Delete. Note should not be added if any one field of note is empty.**
- 7. Some notes have reminder time so add reminder time in alarmManager with note id & it should be receive in broadcast receiver & in broadcast receiver notification should be generated with title & description of note.**
- 8. After clicking on notification new activity should be open with full description of that note.**
- 9. If More than one notes have reminder time then notification should be displayed for each note separately.**

Activity_main.xml:

```
<?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_foreground" />
```

```
<View
```

```
    android:id="@+id/view2"
    android:layout_width="220dp"
    android:layout_height="570dp"
    android:background="@drawable/gradient_view2"
    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="match_parent"
        android:orientation="vertical">

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:orientation="vertical"
            android:padding="20dp"
            android:layout_weight="0.7"
            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: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="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="20dp"
                    android:hint="Enter Password" />

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

```

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

    </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"-->
<!--     android:layout_marginTop="-33dp"-->
<!--     >-->
<!--     -->
<!--     </LinearLayout>-->
<!-- <ImageView
        android:layout_width="match_parent"
        android:layout_height="150dp"
        android:src="@drawable/ic_wave_svg"
        android:layout_gravity="bottom"
        android:scaleType="fitXY"
        android:layout_weight="0.5"
    />
</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: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:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Don't Have an Account?"
    android:textSize="20sp"
    android:id="@+id/dont_have_account"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintRight_toRightOf="parent"
    app:layout_constraintLeft_toLeftOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/view2"

/>

<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_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/dont_have_account"
    app:layout_constraintVertical_bias="0"/>
```

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

MainActivity.kt:

```
package com.example.a20012532001_practical_9

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) {
                when {
                    email.text!! == "" -> {
                        Toast.makeText(this, "Email Is Required!", Toast.LENGTH_SHORT).show()
                    }
                    email.text!! != data.getEmail() -> {
                        Toast.makeText(this, "Email Is Wrong!", Toast.LENGTH_SHORT).show()
                    }
                }
            }
        }
    }
}
```

```
        }
        password.text!! .toString() == "" -> {
            Toast.makeText(this, "Password is Required!", Toast.LENGTH_SHORT).show()
        }
        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  
}  
}
```

activity_signup.xml:

```
<?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">
```

<View

```
    android:id="@+id/view2"  
    android:layout_width="195dp"  
    android:layout_height="662dp"  
    android:background="@drawable/gradient_view1"  
    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="wrap_content"  
    android:layout_height="80dp"  
    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_foreground" />
```

<TextView

```
        android:id="@+id/textView3"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Login"
        android:textSize="25sp"
        app:layout_constraintBottom_toTopOf="@+id/cardViewForm"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.192"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/imageView"
        app:layout_constraintVertical_bias="0.395"></TextView>
```

```
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="96dp"
    android:layout_marginLeft="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="0.682"
    app:layout_constraintStart_toEndOf="@+id/textView3"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.127"></TextView>
```

```
<androidx.cardview.widget.CardView
    android:id="@+id/cardViewForm"
    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="match_parent"
    android:orientation="vertical">

    <LinearLayout
```

```
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:padding="20dp"
    android:paddingBottom="0dp"
    android:layout_weight="0.7">

```

>

```
<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: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" />

</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>

<ImageView
    android:layout_width="match_parent"
    android:layout_height="150dp"
    android:src="@drawable/ic_wave_svg"
    android:layout_gravity="bottom"
    android:scaleType="fitXY"
    android:layout_weight="0.5" />

<!--
<LinearLayout-->
    android:layout_width="match_parent"-->
    android:layout_height="wrap_content"-->
    android:background="#00000000"-->
    android:elevation="-1dp"-->
    android:layout_gravity="bottom"-->
    android:layout_weight="0.2"-->
    >-->

    <ImageView-->
        android:layout_width="match_parent"-->
        android:layout_height='150dp'-->
        android:src='@drawable/ic_wave_svg' />-->
</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.a20012532001_practical_9  
  
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_signup)  
  
        setStatusBarTransparent()  
  
        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().toInt(),
            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 statusBarTransparent()
```

```
if (Build.VERSION.SDK_INT >= 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
}
}
```

_loginInfo.kt:

```
package com.example.a20012532001_practical_9
```

```
import java.io.Serializable
```

```
class LoginInfo : Serializable {
```

```
    private var username : String = ""
    private var phoneno : Int = 0
    private var city : String = ""
    private var email : String = ""
    private var password : String = "
```

```
    constructor(username:String, phoneno:Int, 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():Int{
    return this.phoneno
}
```

activity_dash_board.xml:

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

    <ScrollView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:id="@+id/scrollView"
        >

        <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"
                >

                <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_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:textColor="#FFFFFF00"
        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"
    >

    <ImageView
        android:id="@+id/imageView2"
        android:layout_width="70dp"
        android:layout_height="70dp"
        android:scaleType="fitXY"
        android:tint="@color/black"
        android:src="@drawable/user_account"
```

```
        android:layout_gravity="center"
    />

    <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_marginEnd="6dp"  
    android:layout_marginRight="6dp"  
    android:src="@drawable/ic_baseline_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:layout_marginBottom="10dp"  
    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="wrap_content"  
    android:layout_height="wrap_content"  
    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:layout_marginBottom="10dp"  
    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"></TextView>

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

<androidx.cardview.widget.CardView
    android:layout_width="300dp"
    android:layout_height="250dp"
    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:text="Set Alarm Time"
                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:text="Current Date Time:"
        android:textSize="25sp"
        />

    <TextClock
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:format12Hour="hh:mm:ss a MMM, dd yyyy"
        />

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Alarm:"
        android:textSize="25sp"
        />
    <TextView
        android:layout_width="wrap_content"
        android:text="Set Alarm"
        android:textSize="25sp"
        android:id="@+id/set_alarm_text"
        android:layout_height="wrap_content"
        />

</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="wrap_content"
    android:layout_gravity="bottom"
    android:layout_marginTop="-150dp"
    android:layout_marginBottom="-10dp"
    >
    <ImageView
        android:layout_width="match_parent"
        android:layout_height="400dp"
        android:src="@drawable/ic_wave_svg"
        android:layout_gravity="bottom"
    />
    </LinearLayout>

    </LinearLayout>
</LinearLayout>

</ScrollView>

<com.google.android.material.bottomnavigation.BottomNavigationView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:id="@+id/bottom_navigation"
    android:layout_alignBottom="@+id/scrollView"
    android:layout_alignParentBottom="true"
    >
```

```
    app:menu="@menu/bottom_menu"
    android:background="#FFFFFF"
/>

```

DashBoardActivity.kt:

```
package com.example.a20012532001_practical_9

import android.app.AlarmManager
import android.app.PendingIntent
import android.app.TimePickerDialog
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 com.google.android.material.bottomnavigation.BottomNavigationView
import java.text.SimpleDateFormat
import java.util.*

class DashBoardActivity : AppCompatActivity() {
    private lateinit var setAlarmText: TextView
    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)
        setAlarmText = findViewById(R.id.set_alarm_text)
        val bottomMenu = findViewById<BottomNavigationView>(R.id.bottom_navigation)

        bottomMenu.setOnItemSelectedListener {
            when(it.itemId){

```

```
R.id.dashboard -> {
    Intent(this, DashBoardActivity::class.java).apply {
        startActivity(this)
    }
    return@setOnItemSelectedListener true
}
R.id.notes -> {
    Intent(this, NotesListActivity::class.java).apply {
        startActivity(this)
    }
    return@setOnItemSelectedListener true
}
else -> {
    return@setOnItemSelectedListener true
}
}

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()
}

setAlarmText.setOnClickListener {
    timePicker.visibility = View.VISIBLE
    showTimerDialog()
}

private fun setAlarm(millisTime: Long, str: String)
{
    val intent = Intent(this, MyReceiver::class.java)
```

```
Intent.putExtra("Service1", str)
val pendingIntent = PendingIntent.getBroadcast(applicationContext, 234324243, intent, 0)
val alarmManager = getSystemService(ALARM_SERVICE) as AlarmManager
if(str == "Start") {
    alarmManager.setExact(
        AlarmManager.RTC_WAKEUP,
        millisTime,
        pendingIntent
    )
} else if(str == "Stop") {
    alarmManager.cancel(pendingIntent)
}
}

private fun showTimerDialog() {
    val cldr: Calendar = Calendar.getInstance()
    val hour: Int = cldr.get(Calendar.HOUR_OF_DAY)
    val minutes: Int = cldr.get(Calendar.MINUTE)
    // time picker dialog
    val picker = TimePickerDialog(
        this,
        { _, sHour, sMinute -> sendDialogDataToActivity(sHour, sMinute)},
        hour,
        minutes,
        false
    )
    picker.show()
}

private fun sendDialogDataToActivity(hour: Int, minute: Int) {
    val alarmCalendar = Calendar.getInstance()
    val year: Int = alarmCalendar.get(Calendar.YEAR)
    val month: Int = alarmCalendar.get(Calendar.MONTH)
    val day: Int = alarmCalendar.get(Calendar.DATE)
    alarmCalendar.set(year, month, day, hour, minute, 0)
    setAlarmText.text = SimpleDateFormat("hh:mm:ss a").format(alarmCalendar.time)
    setAlarm(alarmCalendar.timeInMillis, "Start")
    Toast.makeText(
        this,
        "Time: hours:${hour}, minutes:${minute}, millis:${alarmCalendar.timeInMillis}",
        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
    }
}
```

Notes.kt:

```
package com.example.a20012532001_practical_9

import java.io.Serializable
class Notes{
    private var id: Int,
    private var title: String,
    private var subTitle: String,
    private var description: String,
    private var modifiedTime: String,
    private var isReminder: Boolean,
    private var reminderTime: String
    : Serializable {
```

```
private lateinit var hours : String
private lateinit var minutes : String
private lateinit var ampm : String

companion object{
    var idNote = 0
    fun noteIdGeneration():Int{
    {
        idNote++
        return idNote
    }
}

fun setId(id:Int){
    this.id = id
}
fun getId():Int{
    return this.id
}

@JvmName("getTitle1")
fun getTitle():String{
    return this.title
}
fun setTitle(title: String){
    this.title = title
}
@JvmName("getSubTitle1")
fun getSubTitle():String{
    return this.subTitle
}
fun setSubTitle(subTitle: String){
    this.subTitle = subTitle
}
@JvmName("getDescription1")
fun getDescription():String{
    return this.description
}
fun setDescription(description: String){
    this.description = description
}
@JvmName("getModifiedTime1")
fun getModifiedTime():String{
    return this.modifiedTime
}
fun setModifiedTime(modifiedTime: String){
    this.modifiedTime = modifiedTime
}
```

```
fun getIsReminder(): Boolean{
    return this.isReminder
}
fun setIsReminder(isReminder: Boolean){
    this.isReminder = isReminder
}
@JvmName("getReminderTime1")
fun getReminderTime(): String{
    return this.reminderTime
}
fun setReminderTime(reminderTime: String){
    this.reminderTime = reminderTime
}
fun getHours(): String{
    return this.hours
}
fun setHours(hours: String){
    this.hours = hours
}
fun getMinutes(): String{
    return this.minutes
}
fun setMinutes(minutes: String){
    this.minutes = minutes
}
fun getAMPM(): String{
    return this.appm
}
fun setAMPM(appm: String){
    this.appm = appm
}
```

activity_notes_list.xml:

```
<?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"
    android:orientation="vertical"
    android:id="@+id/notes_list"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".NotesListActivity">
```

```
<View  
    android:layout_width="wrap_content"  
    android:layout_height="160dp"  
    android:background="@drawable/c_wave_2"  
    app:layout_constraintTop_toTopOf="parent"  
    app:layout_constraintRight_toRightOf="parent"  
    app:layout_constraintLeft_toLeftOf="parent"  
    app:layout_constraintVertical_bias="0"  
    android:elevation="-1dp"  
    app:layout_constraintBottom_toBottomOf="@+id/listView"  
    android:id="@+id/wave_upper"  
/>
```

```
<ListView  
    android:id="@+id/listView"  
    android:paddingTop="40dp"  
    android:layout_width="match_parent"  
    android:layout_height="match_parent"  
    app:layout_constraintTop_toTopOf="@+id/wave_upper"  
    app:layout_constraintBottom_toBottomOf="@+id/bottom_navigation"  
    app:layout_constraintRight_toRightOf="parent"  
    app:layout_constraintLeft_toLeftOf="parent"  
    android:divider="#00FFFFFF"  
    android:background="#00FFFFFF"  
    android:gravity="center"  
    android paddingRight="10dp"  
    android paddingLeft="10dp"  
    android dividerHeight="15dp"  
    android paddingBottom="65dp" >  
</ListView>
```

```
<View  
    android:layout_width="wrap_content"  
    android:layout_height="140dp"  
    android:background="@drawable/c_wave_svg"  
    app:layout_constraintBottom_toBottomOf="@+id/listView"  
    app:layout_constraintTop_toTopOf="parent"  
    app:layout_constraintVertical_bias="1"  
    android:elevation="-1dp"  
    android:layout_marginBottom="40dp"  
    app:layout_constraintRight_toRightOf="parent"  
    app:layout_constraintLeft_toLeftOf="parent"  
    android:id="@+id/wave_down"  
/>
```

```
<com.google.android.material.bottomnavigation.BottomNavigationView
    android:id="@+id/bottom_navigation"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:background="@color/white"
    android:elevation="70dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:menu="@menu/bottom_menu" />

<com.google.android.material.floatingactionbutton.FloatingActionButton
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:id="@+id/floating_action_btn"
    android:tint="@color/white"
    android:outlineSpotShadowColor="@color/black"
    android:outlineAmbientShadowColor="@color/black"
    android:src="@drawable/ic_baseline_add_24"
    android:layout_marginBottom="70dp"
    android:layout_marginEnd="2dp"
    android:backgroundTint="#DF62A4"
    android:enabled="true"
    android:clickable="true"
    android:elevation="60dp"
    app:layout_constraintRight_toRightOf="parent"
    app:layout_constraintBottom_toBottomOf="parent"
/>
</androidx.constraintlayout.widget.ConstraintLayout>
```

NotesListActivity.kt:

```
package com.example.a20012532001_practical_9

import android.app.AlarmManager
import android.app.Dialog
import android.app.PendingIntent
import android.content.ClipData
import android.content.Context
import android.content.DialogInterface
import android.content.Intent
import android.graphics.Color
import android.os.Build
import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import android.view.LayoutInflater
import android.view.MenuItem
```

```
import android.view.View
import android.view.WindowManager
import android.widget.*
import androidx.annotation.RequiresApi
import androidx.appcompat.app.AlertDialog
import com.google.android.material.bottomnavigation.BottomNavigationView
import com.google.android.material.floatingactionbutton.FloatingActionButton
import java.text.SimpleDateFormat
import java.util.*
import kotlin.collections.ArrayList

class NotesListActivity : AppCompatActivity() {
    companion object{
        lateinit var listView: ListView
        lateinit var arrayList: ArrayList<Notes>
        lateinit var adapter: NotesAdapter
        fun
        editItem(title:String, subTitle:String, description:String, modifiedTime:String, isReminder:Boolean, reminderTime:St
ring, id:Int){
            for(i in 0 until arrayList.size) {
                if(arrayList[i].getId() == id){
                    arrayList[i].setIsReminder(isReminder)
                    arrayList[i].setReminderTime(reminderTime)
                    arrayList[i].setTitle(title)
                    arrayList[i].setSubTitle(subTitle)
                    arrayList[i].setDescription(description)
                    arrayList[i].setModifiedTime(modifiedTime)
                    adapter.notifyDataSetChanged()
                }
            }
        }
        fun deleteItem(id: Int){
            for(i in 0 until arrayList.size){
                if(arrayList[i].getId() == id){
                    arrayList.removeAt(i)
                    adapter.notifyDataSetChanged()
                    return
                }
            }
        }
        fun getNoteItem(id: Int): Notes? {
            for(i in 0 until arrayList.size){
                if(arrayList[i].getId() == id){
                    return arrayList[i]
                }
            }
        }
    }
    return null
}
```

```
}

@RequiresApi(Build.VERSION_CODES.M)
override fun onCreate(savedInstanceState: Bundle?) {
    super.onCreate(savedInstanceState)
    setContentView(R.layout.activity_notes_list)

    setStatusBarTransparent()

    val bottomMenu = findViewById<BottomNavigationView>(R.id.bottom_navigation)
    listView = findViewById(R.id.listView)
    val fButton = findViewById<FloatingActionButton>(R.id.floating_action_btn)

    bottomMenu.selectedItemId = R.id.notes

    arrayList = ArrayList()

    adapter = NotesAdapter(this, arrayList)

    listView.adapter = adapter

    fButton.setOnClickListener {
        val boxView = LayoutInflater.from(this).inflate(R.layout.form_view, null)
        val alertDialog = AlertDialog.Builder(this).setView(boxView)

        val titleText = boxView.findViewById<TextView>(R.id.form_title)
        val subTitleText = boxView.findViewById<TextView>(R.id.form_sub_title)
        val descriptionText = boxView.findViewById<TextView>(R.id.form_description)
        val timePicker = boxView.findViewById<TimePicker>(R.id.form_time_picker)
        val switch = boxView.findViewById<Switch>(R.id.form_switch)

        alertDialog.apply {
            setTitle("Add Note here..")
            var isReminder = false

            switch.setOnClickListener {
                isReminder = !isReminder
            }

            setPositiveButton("Add") { dialogInterface: DialogInterface, i: Int ->
                val alarmCalendar = Calendar.getInstance()
                val year: Int = alarmCalendar.get(Calendar.YEAR)
                val month: Int = alarmCalendar.get(Calendar.MONTH)
                val day: Int = alarmCalendar.get(Calendar.DATE)

                val time = SimpleDateFormat("MMM, dd yyyy hh:mm:ss a").format(alarmCalendar.time)
                var reminderTime = ""
            }
        }
    }
}
```

```
    if(isReminder){
        alarmCalendar.set(year, month, day, timePicker.hour, timePicker.minute, 0)

        reminderTime = SimpleDateFormat("MMM, dd yyyy hh:mm:ss a").format(alarmCalendar.time)
    }

    val newItem =
Notes(Notes.noteIdGeneration(),titleText.text.toString(),subTitleText.text.toString(),descriptionText.text.toString(),
),time,isReminder,reminderTime)

    newItem.setHours(alarmCalendar.get(Calendar.HOUR).toString())
    newItem.setMinutes(alarmCalendar.get(Calendar.MINUTE).toString())
    newItem.setAMPM(alarmCalendar.get(Calendar.AM_PM).toString())

    arrayList.add(newItem)

    if(isReminder) {
        setAlarm(alarmCalendar.timeInMillis, "Start", newItem.getId())
    }
    adapter.notifyDataSetChanged()
}
setNegativeButton("Cancel"){ dialogInterface: DialogInterface, i: Int ->
    Toast.makeText(applicationContext,"Canceled",Toast.LENGTH_SHORT).show()
}
.show()
}

bottomMenu.setOnItemSelectedListener{
when(it.itemId){
    R.id.dashboard -> {
        Intent(this,DashBoardActivity::class.java).apply {
            startActivity(this)
        }
        return@setOnItemSelectedListener true
    }
    R.id.notes -> {
        Intent(this,NotesListActivity::class.java).apply {
            startActivity(this)
        }
        return@setOnItemSelectedListener true
    }
    else -> {
        return@setOnItemSelectedListener true
    }
}
```

```
    }
}

private fun setAlarm(millisecondsTime: Long, str: String, id:Int)
{
    val intent = Intent(this, MyReceiver::class.java)
    intent.putExtra("Service1", str)
    val intentService = Intent(this, AlarmService::class.java)
    intentService.putExtra("id", id)

    val pendingIntent = PendingIntent.getBroadcast(this@NotesListActivity, 234324243, intent, 0)
    val pendingIntentService = PendingIntent.getService(this@NotesListActivity, 234324244, intentService, 0)

    val alarmManager = getSystemService(ALARM_SERVICE) as AlarmManager

    if(str == "Start"){
        alarmManager.setExact(
            AlarmManager.RTC_WAKEUP,
            millisecondsTime,
            pendingIntent
        )
        alarmManager.setExact(
            AlarmManager.RTC_WAKEUP,
            millisecondsTime,
            pendingIntentService
        )
    }else if(str == "Stop"){
        alarmManager.cancel(pendingIntent)
    }
}

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
}
}
```

NotesAdapter.kt:

```
package com.example.a20012532001_practical_9

import android.content.Context
import android.content.DialogInterface
import android.os.Build
import android.view.LayoutInflater
import android.view.View
import android.view.ViewGroup
import android.widget.*
import androidx.annotation.RequiresApi
import androidx.appcompat.app.AlertDialog
import java.text.SimpleDateFormat
import java.util.*

class NotesAdapter(private val context: Context, private val arrayList: ArrayList<Notes>):
BaseAdapter() {

private lateinit var title : TextView
private lateinit var subTitle : TextView
private lateinit var description : TextView
private lateinit var reminderTime : TextView
private lateinit var modifiedTime : TextView
private var isReminder : Boolean = false
private lateinit var editBtn : ImageButton
private lateinit var deleteBtn : ImageButton

override fun getCount(): Int{
```

```
        return arrayList.size
    }

    override fun getItem(position: Int): Any {
        return position
    }

    override fun getItemId(position: Int): Long {
        return position.toLong()
    }

    @RequiresApi(Build.VERSION_CODES.M)
    override fun getView(position: Int, convertView: View?, parent: ViewGroup?): View {
        val convertView: View? = LayoutInflater.from(context).inflate(R.layout.item_box, parent, false)
        this.title = convertView.findViewById(R.id.textViewTitle)
        this.subTitle = convertView.findViewById(R.id.textViewSubTitle)
        this.description = convertView.findViewById(R.id.textViewDescription)
        this.reminderTime = convertView.findViewById(R.id.reminder_time)
        this.modifiedTime = convertView.findViewById(R.id.time)
        this.editBtn = convertView.findViewById(R.id.edit_btn)
        this.deleteBtn = convertView.findViewById(R.id.delete_btn)

        this.title.text = arrayList[position].getTitle()
        this.subTitle.text = arrayList[position].getSubTitle()
        this.description.text = arrayList[position].getDescription()
        this.reminderTime.text = arrayList[position].getReminderTime()
        this.modifiedTime.text = arrayList[position].getModifiedTime()
        this.isReminder = arrayList[position].getIsReminder()

        this.editBtn.setOnClickListener {

            val boxView = LayoutInflater.from(context).inflate(R.layout.form_view, null)
            val alertDialog = AlertDialog.Builder(context).setView(boxView)

            val titleText = boxView.findViewById<TextView>(R.id.form_title)
            val subTitleText = boxView.findViewById<TextView>(R.id.form_sub_title)
            val descriptionText = boxView.findViewById<TextView>(R.id.form_description)
            val timePicker = boxView.findViewById<TimePicker>(R.id.form_time_picker)
            var switch = boxView.findViewById<Switch>(R.id.form_switch)

            alertDialog.apply {
                setTitle("Edit Note here..")

                titleText.text = arrayList[position].getTitle()
                subTitleText.text = arrayList[position].getSubTitle()
                descriptionText.text = arrayList[position].getDescription()
            }
        }
    }
}
```

```
timePicker.minute = arrayList[position].getMinutes().toInt()

if(arrayList[position].getAMPM() == "1"){
    timePicker.hour = 12 + arrayList[position].getHours().toInt()
}
else{
    timePicker.hour = arrayList[position].getHours().toInt()
}

switch.isChecked = isReminder

switch.setOnClickListener {
    isReminder = !isReminder
}

setPositiveButton("Update") { dialogInterface: DialogInterface, i: Int ->
    val alarmCalendar = Calendar.getInstance()

    val year: Int = alarmCalendar.get(Calendar.YEAR)
    val month: Int = alarmCalendar.get(Calendar.MONTH)
    val day: Int = alarmCalendar.get(Calendar.DATE)
    val time = SimpleDateFormat("MMM, dd yyyy hh:mm:ss a").format(alarmCalendar.time)

    alarmCalendar.set(year, month, day, timePicker.hour, timePicker.minute)

    NotesListActivity.editItem(
        titleText.text.toString(),
        subTitleText.text.toString(),
        descriptionText.text.toString(),
        time.toString(),
        isReminder,
        SimpleDateFormat("MMM, dd yyyy hh:mm:ss a").format(alarmCalendar.time),
        arrayList[position].getId()
    )
    Toast.makeText(context, "Note Updated!", Toast.LENGTH_SHORT).show()
}

setNegativeButton("Cancel") { dialogInterface: DialogInterface, i: Int ->
    Toast.makeText(context, "Canceled", Toast.LENGTH_SHORT).show()
}
}.show()

this.deleteBtn.setOnClickListener {
    NotesListActivity.deleteItem(arrayList[position].getId())
}
```

```
}

return convertView
}

form_view.xml:
<?xml version="1.0" encoding="utf-8"?>
<ScrollView
    xmlns:android="http://schemas.android.com/apk/res/android"
    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"
        android:padding="20dp"
        >

        <com.google.android.material.textfield.TextInputLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_marginBottom="20dp"
            app:startIconDrawable="@drawable/ic_baseline_event_note_24">

            <com.google.android.material.textfield.TextInputEditText
                android:id="@+id/form_title"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:layout_marginTop="20dp"
                android:hint="Note Title"
                />

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

        <com.google.android.material.textfield.TextInputLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_marginBottom="20dp"
            app:startIconDrawable="@drawable/ic_baseline_event_note_24">
```

```
<com.google.android.material.textfield.TextInputLayout
    android:id="@+id/form_sub_title"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="20dp"
    android:hint="Note Subtitle" />

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

<com.google.android.material.textfield.TextInputLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginBottom="20dp"
    app:startIconDrawable="@drawable/ic_baseline_event_note_24">

    <com.google.android.material.textfield.TextInputEditText
        android:id="@+id/form_description"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="20dp"
        android:hint="Note Description" />

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

<Switch
    android:layout_gravity="right"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Set Reminder"
    android:id="@+id/form_switch"
/>

<TimePicker
    android:id="@+id/form_time_picker"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"/>

</LinearLayout>

</ScrollView>

item_box.xml:
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
```

```
xmns:app='http://schemas.android.com/apk/res-auto'
xmns:android='http://schemas.android.com/apk/res/android'
android:layout_width="match_parent"
android:layout_marginBottom="20dp"
android:layout_height="wrap_content"

<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:backgroundTint="#1B1A1A"
    app:cardCornerRadius="10dp"
>

<LinearLayout
    android:layout_width='match_parent'
    android:layout_height='wrap_content'
    android:orientation='vertical'
    android:padding='15dp'
>

<TextView
    android:layout_width='wrap_content'
    android:layout_height='wrap_content'
    android:id="@+id/textViewTitle"
    android:textSize='20sp'
    android:text='title'
    android:textColor="@color/white"/>
<TextView
    android:layout_width='wrap_content'
    android:layout_height='wrap_content'
    android:text='subtitle'
    android:textColor="#4A4444"
    android:id="@+id/textViewSubTitle"
    android:textSize='16sp'/>
<TextView
    android:layout_width='wrap_content'
    android:layout_height='wrap_content'
    android:id="@+id/textViewDescription"
    android:textSize='10sp'
    android:text='description'
    android:textColor="#5C5353"/>
</androidx.constraintlayout.widget.ConstraintLayout>
```

```
        android:orientation='horizontal'

    >

<TextView
    android:id="@+id/time"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Time"
    android:textColor="#5C5353"
    android:textSize="10sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toStartOf="@+id/delete_btn"
    app:layout_constraintHorizontal_bias="0.006"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent" />

<ImageButton
    android:id="@+id/edit_btn"
    android:layout_width="40dp"
    android:layout_height="40dp"
    android:backgroundTint="#00FFFFFF"
    app:tint="#00FF00"
    android:clickable="true"
    android:src="@drawable/ic_baseline_edit_24"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toStartOf="@+id/delete_btn"
    app:layout_constraintHorizontal_bias="0.85"
    app:layout_constraintStart_toEndOf="@+id/time"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.0" />

<ImageButton
    android:id="@+id/delete_btn"
    android:layout_width="40dp"
    android:layout_height="40dp"
    android:backgroundTint="#00FFFFFF"
    android:layout_marginEnd="16dp"
    android:clickable="true"
    app:tint="#FF0000"
    android:src="@drawable/ic_baseline_delete_24"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.0" />
</androidx.constraintlayout.widget.ConstraintLayout>

<TextView
```

```
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textColor="#5C5353"
        android:text="Reminder Time"
        android:textSize="10sp"
        android:id="@+id/reminder_time"
    />
</LinearLayout>

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

MyReceiver.kt:

```
package com.example.a20012532001_practical_9

import android.content.BroadcastReceiver
import android.content.Context
import android.content.Intent
import android.media.MediaPlayer

class MyReceiver : BroadcastReceiver() {
    var mp: MediaPlayer? = null
    override fun onReceive(context: Context?, intent: Intent?) {
        mp = MediaPlayer.create(context, R.raw.alarm)
        mp?.start()
    }
}
```

AlarmService.kt:

```
package com.example.a20012532001_practical_9

import android.app.Service
import android.content.Intent
import android.media.MediaPlayer
import android.os.IBinder
import android.widget.Toast

class AlarmService : Service() {

    val PERSONAL_CHANNEL_ID = "PersonalChannel"

    override fun onStartCommand(intent: Intent?, flags: Int, startId: Int): Int {
        if(intent!=null) {

```

```
val id: Int? = intent.getIntExtra("id", 0)

Toast.makeText(applicationContext, id.toString(), Toast.LENGTH_SHORT).show()

val data: Notes? = NotesListActivity.getNoteItem(id!!)

if (data != null) {
    val notificationUtils = NotificationUtils(applicationContext)
    notificationUtils.createChannel(PERSONAL_CHANNEL_ID, "PERSONAL")
    notificationUtils.sendNotificationInDefaultChannel(
        data,
        101
    )
}

return START_STICKY
}

override fun onDestroy() {
    super.onDestroy()
}

override fun onBind(intent: Intent?): IBinder? {
    TODO("Not yet implemented")
}
```

NotificationUtils.kt:

```
package com.example.a20012532001_practical_9

import android.R
import android.app.Notification
import android.app.NotificationChannel
import android.app.NotificationManager
import android.app.PendingIntent
import android.content.Context
import android.content.ContextWrapper
import android.content.Intent
import android.graphics.Color
import android.media.RingtoneManager
import android.os.Build
import androidx.core.app.NotificationCompat

class NotificationUtils(context: Context) : ContextWrapper(context) {
    private var notificationManager: NotificationManager? = null
```

```
private get() {
    if (field == null) {
        field = getSystemService(NOTIFICATION_SERVICE) as NotificationManager
    }
    return field
}
var DEFAULT_CHANNEL_ID = 'DEFAULT'
var DEFAULT_CHANNEL_NAME = 'DEFAULT CHANNEL'
var pkgName = 'notification.channel'
fun createChannel(CHANNEL_ID: String?, CHANNEL_NAME: String?) {
    if (Build.VERSION.SDK_INT >= Build.VERSION_CODES.O) {
        // create android channel
        val newChannel = NotificationChannel(
            CHANNEL_ID,
            CHANNEL_NAME, NotificationManager.IMPORTANCE_HIGH
        )
        // Sets whether notifications posted to this channel should display notification lights
        newChannel.enableLights(true)

        // Sets whether notification posted to this channel should vibrate.
        newChannel.enableVibration(true)

        // Sets the notification light color for notifications posted to this channel
        newChannel.lightColor = Color.GREEN

        // Sets whether notifications posted to this channel appear on the lockscreen or not
        newChannel.lockscreenVisibility = Notification.VISIBILITY_PRIVATE
        notificationManager!!.createNotificationChannel(newChannel)
    }
}

fun sendNotificationInChannel(
    notificationId: Int, resultIntent: Intent?,
    builder: NotificationCompat.Builder
) {
    val pi = PendingIntent.getActivity(
        this,
        0,
        resultIntent,
        PendingIntent.FLAG_UPDATE_CURRENT
    )

    //for notification click action, also required on Gingerbread and below
    builder.setContentIntent(pi)
    notificationManager!!.notify(notificationId, builder.build())
}

fun sendNotificationInDefaultChannel(note: Notes, notificationId: Int) {
```

```

    val resultIntent = Intent(this, NotificationActivity::class.java)
    resultIntent.putExtra("note", note)
    sendNotificationInChannel(
        notificationId, resultIntent,
        getDefaultNotificationBuilder(note,DEFAULT_CHANNEL_ID)
    )
}

private fun getDefaultNotificationBuilder(
    note:Notes,
    channelId: String
): NotificationCompat.Builder {
    val defaultSoundUri = RingtoneManager.getDefaultUri(RingtoneManager.TYPE_NOTIFICATION)
    return NotificationCompat.Builder(
        applicationContext,
        channelId)
        .setDefaults(Notification.DEFAULT_ALL)
        .setSmallIcon(R.drawable.stat_notify_more)
        .setTicker("Practical-9 TODO 20012022003-MIHIR")
        .setContentTitle(note.getTitle())
        .setContentText(note.getSubTitle())
        .setAutoCancel(true)
}
init {
    pkgName =
        if (context.packageName != null)
            context.packageName
        else
            pkgName
    DEFAULT_CHANNEL_ID = pkgName + ":" + DEFAULT_CHANNEL_ID.toUpperCase()
    createChannel(DEFAULT_CHANNEL_ID, DEFAULT_CHANNEL_NAME)
}

```

activity_notification.xml:

```

<?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:padding="8dp"
    android:id="@+id/notification_activity"
    tools:context=".NotificationActivity">

```

```
<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:backgroundTint="#1B1A1A"
    app:cardCornerRadius="10dp"
    >

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="vertical"
    android:padding="15dp"
    >

<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:id="@+id/notificationtextViewTitle"
    android:textSize="20sp"
    android:text="title"
    android:textColor="@color/white"/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="subtitle"
    android:textColor="#4A4444"
    android:id="@+id/notificationtextViewSubTitle"
    android:textSize="16sp"/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:id="@+id/notificationtextViewDescription"
    android:textSize="10sp"
    android:text="description"
    android:textColor="#5C5353"/>
    />

<TextView
    android:id="@+id/notificationtime"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Time"
    android:textColor="#5C5353"
    android:textSize="10sp" />

<TextView
    android:layout_width="wrap_content"
```

```
        android:layout_height="wrap_content"
        android:textColor="#5C5353"
        android:text="Reminder Time"
        android:textSize="10sp"
        android:id="@+id/notificationreminder_time"
    />
</LinearLayout>

</androidx.cardview.widget.CardView>

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

NotificationActivity.kt

```
package com.example.a20012532001_practical_9

import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import android.view.MenuItem
import android.widget.ImageButton
import android.widget.TextView
import android.widget.Toast

class NotificationActivity : AppCompatActivity() {
    private lateinit var title : TextView
    private lateinit var subTitle : TextView
    private lateinit var description : TextView
    private lateinit var reminderTime : TextView
    private lateinit var modifiedTime : TextView
    private var isReminder : Boolean = false
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_notification)

        val note = (intent.extras?.getSerializable("note") as? Notes)!!

        this.title = findViewById(R.id.notificationtextViewTitle)
        this.subTitle = findViewById(R.id.notificationtextViewSubTitle)
        this.description = findViewById(R.id.notificationtextViewDescription)
        this.reminderTime = findViewById(R.id.notificationreminder_time)
        this.modifiedTime = findViewById(R.id.notificationtime)

        supportActionBar?.setDisplayHomeAsUpEnabled(true)

        if(note!=null) {
            supportActionBar?.title = "Reminder Of ${note.getTitle()}"
        }
    }
}
```

```
this.title.text = note.getTitle()
this subTitle.text = note.getSubTitle()
this.description.text = note.getDescription()
this.reminderTime.text = note.getReminderTime()
this.modifiedTime.text = note.getModifiedTime()
this.isReminder = note.getIsReminder()

}

else{
    supportActionBar?.title = "Reminder Of TODO"
    title.text = "Note Has been Deleted!"
}

}

override fun onContextItemSelected(item: MenuItem): Boolean {
    when (item.itemId) {
        R.id.notification_activity -> {
            finish()
            return true
        }
    }
    return super.onContextItemSelected(item)
}
```

bottom_menu.xml:

```
<?xml version="1.0" encoding="utf-8"?>
<menu xmlns:android="http://schemas.android.com/apk/res/android">

    <item
        android:id="@+id/dashboard"
        android:enabled="true"
        android:visible="true"
        android:iconTint="@color/white"
        android:icon="@drawable/ic_baseline_dashboard_24"
        android:title="Dashboard"
    />
    <item
        android:id="@+id/notes"
        android:enabled="true"
        android:visible="true"
        android:iconTint="@color/white"
        android:icon="@drawable/ic_baseline_event_note_24"
        android:title="Notes"
    />
```

```
</menu>
```

Themes.xml:

```
<resources xmlns:tools="http://schemas.android.com/tools">  
    <!-- Base application theme. -->  
    <style name="Theme.20012022003_Practical_9"  
        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>  
  
    <style name="Theme.Seventh_Practical_20012022003."  
        parent="Theme.MaterialComponents.DayNight.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>  
        <!-- 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>
```

14:39 3G 4G 5G 6G 7G 8G 9G 10G 11G 12G 13G 14G 15G 16G 17G 18G 19G 20G 21G 22G 23G 24G 25G 26G 27G 28G 29G 30G 31G 32G 33G 34G 35G 36G 37G 38G 39G 40G 41G 42G 43G 44G 45G 46G 47G 48G 49G 50G 51G 52G 53G 54G 55G 56G 57G 58G 59G 60G 61G 62G 63G 64G 65G 66G 67G 68G 69G 70G 71G 72G 73G 74G 75G 76G 77G 78G 79G 80G 81G 82G 83G 84G 85G 86G 87G 88G 89G 90G 91G 92G 93G 94G 95G 96G 97G 98G 99G 100G

Rajesh Shah
rajesh@123gmail.com

Logout

Personal Details

Full Name
Rajesh Mohanlal Shah

Phone Number City
+91 9999999999 Mehsana,Gujarat

Email Id
rajesh123@gmail.com

Set Alarm Time

Current Date Time:
14:39

Alarm:

Set Alarm

Description

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

Dashboard News

14:40 3G 4G 5G 6G 7G 8G 9G 10G 11G 12G 13G 14G 15G 16G 17G 18G 19G 20G 21G 22G 23G 24G 25G 26G 27G 28G 29G 30G 31G 32G 33G 34G 35G 36G 37G 38G 39G 40G 41G 42G 43G 44G 45G 46G 47G 48G 49G 50G 51G 52G 53G 54G 55G 56G 57G 58G 59G 60G 61G 62G 63G 64G 65G 66G 67G 68G 69G 70G 71G 72G 73G 74G 75G 76G 77G 78G 79G 80G 81G 82G 83G 84G 85G 86G 87G 88G 89G 90G 91G 92G 93G 94G 95G 96G 97G 98G 99G 100G

Full Name
Rajesh Mohanlal Shah

Phone Number City
+91 9999999999 Mehsana,Gujarat

2:40 AM

11 12
10 1
9 3
8 4
7 5
6 CANCEL OK

Description

Lorem ipsum dolor sit amet,

Dashboard News

Full Name
Rajesh Mohanlal Shah

Phone Number City
+91 9999999999 Mehsana,Gujarat

Email Id
rajesh123@gmail.com

Set Alarm Time

Current Date Time:
14:40

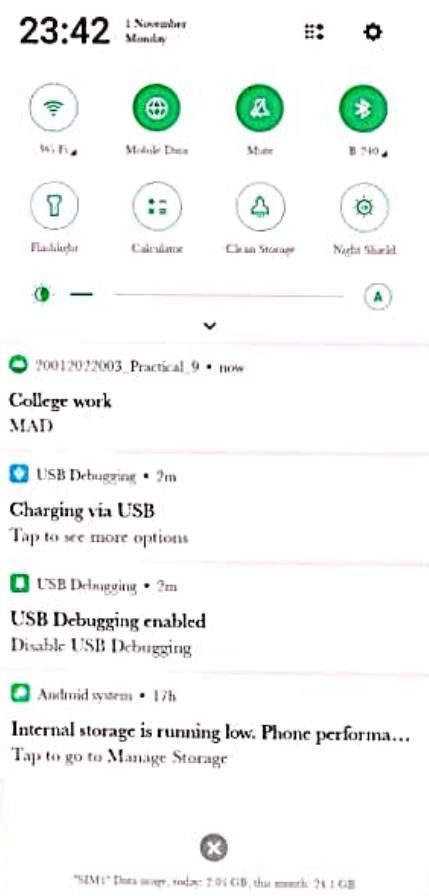
Alarm:

02:42:00 pm

Description

Time: hours:14, minutes:42, millis: 1635757920346

Dashboard News



The image displays three screenshots of a mobile application interface, likely a productivity or reminder app.

Screenshot 1: Shows a list of items under the heading "Reminder Of College w...".

- College work**
MAD
develop app assignment-2
Nov. 01 2021 11:47:09 pm
Nov. 01 2021 11:49:00 pm
- College assignment**
submit assignment
deadline 11 nov
Nov. 01 2021 11:47:37 pm
Nov. 01 2021 12:41:00 pm
- task 1**
jkl
jkl
Nov. 01 2021 11:47:57 pm

Screenshot 2: Shows a note titled "College work".

College work
MAD
develop app assignment-2
Nov. 01 2021 11:47:09 pm Nov. 01 2021 11:49:00 pm

Screenshot 3: Shows a note titled "Edit Note here..".

Note Title: College work
Note Subtitle: MAD
Note Description: develop app assignment-2

Set Reminder

11:42 AM
11:42 PM

12
1
2
3
9
10
11
Cancel Update

Notes



23:44 2d 44 0.18 V+

College WORK1

MAD
develop app assignment-2

Nov. 01 2021 11:42:00 pm  

Nov. 01 2021 11:42:22 pm

College assignment

submit assignment
deadline: 1 day

Nov. 01 2021 11:43:22 pm  

Nov. 01 2021 11:43:00 pm

task 1

pjdl
pjdl

Nov. 01 2021 11:43:57 pm  

todo 

Notes

23:49 | 5 days left



College assignment

submit assignment

deadline 11:48 pm

Nov, 01 2021 11:48:16 pm



Nov, 01 2021 11:48:00 pm

task 1

jxjd

sjjd

Nov, 01 2021 11:49:00 pm



Nov, 01 2021 11:48:00 pm

todo

listid

sdj

Nov, 01 2021 11:49:12 pm



My documents



Notes