

Mobile App Development for Android

(15CS/ME/MA55)

Component 2

Department Number: 18/UCSA/242

Title: Student Learning App (Pronunciation and Notes app)

App Name: Stu's Zone

Stu's Zone is an app that is basically designed for students to make their vocabulary and note taking methods easier. It has features like pronunciations and saving notes to their device with proper user authentication that also includes changing their passwords and deletion of their accounts from the app. Finally a feedback section is provided to post their ratings for the app.

Layout used

- Relative Layout
- Constraint Layout
- Linear Layout
- Grid Layout

Additional UI Controls Used:

- Seekbar
- ListView
- CardView

The app contains:

- Notifications
- Alert Dialog
- Action bar
- Fragments
- EditText
- TextView
- RadioGroup
- RadioButton
- Button
- ImageView
- RatingBar
- Vector Assets
- SeekBar
- ListView
- CardView

Database operations included:

- Creation of tables
- Inserting Recording
- Updating values
- Deleting record
- Fetching from Database

Splash Screen

activity_splash.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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:background="@color/white"
    tools:context=".SpalshScreen">

    <ImageView
        android:layout_width="407dp"
        android:layout_height="620dp"
        android:layout_alignParentBottom="true"
        android:layout_marginBottom="88dp"
        android:src="@drawable/logo1" />
</RelativeLayout>
```

SplashScreen.java

```
package com.example.sayit;
import android.content.Intent;
import android.os.Bundle;
import android.os.Handler;
import androidx.appcompat.app.AppCompatActivity;
public class SpalshScreen extends AppCompatActivity {
    private static int SPLASH_SCREEN_TIMEOUT=2000;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_splash);
        new Handler().postDelayed(new Runnable(){
            @Override
            public void run() {
                Intent i1=new Intent(SpalshScreen.this,Login.class);
                startActivity(i1);
                finish();
            }
        },SPLASH_SCREEN_TIMEOUT);
    }
}
```

Design of Splash Screen



SignUp/Registration Form Page

Activity sign up.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:background="#FFFFFF"
android:padding="10dp"
tools:context=".SignUp">

<ImageView
    android:id="@+id/imageView2"
    android:layout_width="129dp"
    android:layout_height="156dp"
    android:layout_alignParentStart="true"
    android:layout_alignParentLeft="true"
    android:layout_alignParentTop="true"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_marginStart="268dp"
    android:layout_marginLeft="268dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.357"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.0"
    app:srcCompat="@drawable/logo1" />

<TextView
    android:id="@+id/textView6"
    android:layout_width="173dp"
    android:layout_height="wrap_content"
    android:layout_alignParentStart="true"
    android:layout_alignParentLeft="true"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:text="REGISTER"
    android:textColor="#9421B3"
    android:textSize="35dp"
    android:textStyle="bold"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.558"
    app:layout_constraintStart_toStartOf="parent"
```

```
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.352" />
```

```
<EditText
    android:id="@+id/userid"
    android:layout_width="354dp"
    android:layout_height="46dp"
    android:layout_alignParentTop="true"
    android:backgroundTint="#6E8894"
    android:ems="6"
    android:gravity="center_horizontal"
    android:hint="Enter your phone number"
    android:inputType="text"
    android:textAlignment="center"
    android:textColor="@color/black"
    android:textColorHint="#87919E"
    android:textSize="15sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.491"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.442" />
```

```
<EditText
    android:id="@+id/name"
    android:layout_width="354dp"
    android:layout_height="46dp"
    android:layout_alignParentTop="true"
    android:backgroundTint="#6E8894"
    android:ems="6"
    android:gravity="center_horizontal"
    android:hint="Enter your name"
    android:inputType="text"
    android:textAlignment="center"
    android:textColor="@color/black"
    android:textColorHint="#87919E"
    android:textSize="15sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.473"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.51" />
```

```
<EditText
    android:id="@+id/pass"
    android:layout_width="354dp"
    android:layout_height="46dp"
    android:layout_alignParentTop="true"
```

```
android:backgroundTint="#6E8894"
android:ems="6"
android:gravity="center_horizontal"
android:hint="Enter Password."
android:inputType="textPassword"
android:textAlignment="center"
android:textColor="@color/black"
android:textColorHint="#87919E"
android:textSize="15sp"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.508"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.708" />
```

<EditText

```
android:id="@+id/cpass"
android:layout_width="354dp"
android:layout_height="46dp"
android:layout_alignParentTop="true"
android:backgroundTint="#6E8894"
android:ems="6"
android:gravity="center_horizontal"
android:hint="Re-enter Password"
android:inputType="textPassword"
android:textAlignment="center"
android:textColor="@color/black"
android:textColorHint="#87919E"
android:textSize="15sp"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.473"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.783" />
```

<androidx.appcompat.widget.AppCompatButton

```
android:id="@+id/sign"
android:layout_width="116dp"
android:layout_height="36dp"
android:layout_alignParentTop="true"
android:layout_alignParentBottom="true"
android:layout_centerHorizontal="true"
android:layout_marginStart="130dp"
android:layout_marginLeft="130dp"
android:background="@drawable/btn"
android:shadowColor="#7CA7A8"
android:shadowDx="0"
android:shadowDy="0"
```

```
android:shadowRadius="5"  
android:text="REGISTER"  
android:textColor="@color/white"
```

```
android:textSize="13dp"  
app:layout_constraintBottom_toBottomOf="parent"  
app:layout_constraintEnd_toEndOf="parent"  
app:layout_constraintHorizontal_bias="0.103"  
app:layout_constraintStart_toStartOf="parent"  
app:layout_constraintTop_toBottomOf="@+id/cpass"  
app:layout_constraintVertical_bias="0.186" />
```

```
<androidx.appcompat.widget.AppCompatButton  
    android:id="@+id/back"  
    android:layout_width="82dp"  
    android:layout_height="30dp"  
    android:layout_alignParentStart="true"  
    android:layout_alignParentLeft="true"  
    android:layout_alignParentTop="true"  
    android:background="@drawable/btn"  
    android:shadowColor="#A8A8A8"  
    android:shadowDx="0"  
    android:shadowDy="0"  
    android:shadowRadius="5"  
    android:text=" Back"  
    android:textColor="@color/white"
```

```
    android:textSize="13dp"  
    app:layout_constraintBottom_toBottomOf="@+id/sign"  
    app:layout_constraintEnd_toEndOf="parent"  
    app:layout_constraintHorizontal_bias="0.057"  
    app:layout_constraintStart_toStartOf="parent"  
    app:layout_constraintTop_toTopOf="parent"  
    app:layout_constraintVertical_bias="0.023"  
    tools:ignore="MissingClass" />
```

```
<ImageView  
    android:id="@+id/imageView6"  
    android:layout_width="55dp"  
    android:layout_height="44dp"  
    android:layout_alignParentStart="true"  
    android:layout_alignParentLeft="true"  
    android:layout_alignParentTop="true"  
    android:layout_alignParentEnd="true"  
    android:layout_alignParentRight="true"  
    android:layout_alignParentBottom="true"  
    android:layout_marginBottom="471dp"  
    android:src="@drawable/ic_acc24"  
    app:layout_constraintBottom_toBottomOf="parent"  
    app:layout_constraintEnd_toEndOf="parent"
```



```
app:layout_constraintHorizontal_bias="0.528"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.837" />
```

```
<TextView
    android:id="@+id/textView2"
    android:layout_width="236dp"
    android:layout_height="99dp"
    android:layout_alignParentStart="true"
    android:layout_alignParentLeft="true"
    android:layout_alignParentTop="true"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:text="Your First Step with us"
    android:textColor="#9421B3"
    android:textSize="40dp"
    android:textStyle="bold"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.107"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.091" />
```

```
<RadioGroup
    android:id="@+id/rg1"
    android:layout_width="139dp"
    android:layout_height="67dp"
    android:layout_alignParentStart="true"
    android:layout_alignParentLeft="true"
    android:layout_alignParentTop="true"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.558"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.615">
```

```
<RadioButton
    android:id="@+id/radioButton1"
    android:layout_width="103dp"
    android:layout_height="wrap_content"
    android:text="Male"
    android:textColor="#D81B60"
    android:textStyle="bold" />
```

```

<RadioButton
    android:id="@+id/radioButton"
    android:layout_width="117dp"
    android:layout_height="27dp"
    android:text="Female"
    android:textColor="#D81B60"
    android:textStyle="bold" />
</RadioGroup>

<TextView
    android:id="@+id/textView7"
    android:layout_width="99dp"
    android:layout_height="33dp"
    android:layout_alignParentStart="true"
    android:layout_alignParentLeft="true"
    android:layout_alignParentTop="true"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:text="Gender"
    android:textColor="#9421B3"
    android:textSize="17sp"
    android:textStyle="bold"
    app:layout_constraintBottom_toBottomOf="@+id/sign"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.105"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.676" />

<TextView
    android:id="@+id/textView"
    android:layout_width="402dp"
    android:layout_height="wrap_content"
    android:layout_alignParentStart="true"
    android:layout_alignParentLeft="true"
    android:layout_alignParentBottom="true"
    android:layout_marginBottom="28dp"
    android:gravity="center_horizontal"
    android:text="Learning to love , Loving to learn"
    android:textAlignment="center"
    android:textColor="#D81B60"
    android:textSize="13sp"
    android:textStyle="italic"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/signup"
    app:layout_constraintVertical_bias="0.807"
    tools:ignore="MissingConstraints"

```

```
tools:layout_editor_absoluteX="-7dp" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

SignUp.java

```
package com.example.sayit;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.EditText;
import android.widget.RadioButton;
import android.widget.RadioGroup;
import android.widget.Toast;

import androidx.appcompat.app.AppCompatActivity;
import androidx.appcompat.widget.AppCompatButton;

public class SignUp extends AppCompatActivity {

    EditText n,uid,pass,cpass;
    AppCompatButton btnsignup,b;
    DBHelper db;
    RadioGroup rg;
    RadioButton rb;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_sign_up);
        rg=(RadioGroup)findViewById(R.id.rg1);
        rb=(RadioButton)findViewById(R.id.radioButton);
        n=(EditText) findViewById(R.id.name);
        uid=(EditText) findViewById(R.id.userid);
        b=(AppCompatButton) findViewById(R.id.back);
        pass=(EditText) findViewById(R.id.pass);
        cpass=(EditText) findViewById(R.id.cpass);
        btnsignup=(AppCompatButton) findViewById(R.id.sign);
        db=new DBHelper(this);

        b.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent i=new Intent(SignUp.this, Login.class);
                startActivity(i);
            }
        });
        btnsignup.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                String name=n.getText().toString();
                String user=uid.getText().toString();
```

```



String p=pass.getText().toString();
String cp=cpass.getText().toString();
int gender=rg.getCheckedRadioButtonId();
rb=findViewById(gender);
if(name.equals("")||user.equals("")||p.equals("")||cp.equals("")){
    Toast.makeText(SignUp.this, "Kindly fill all the
fields!",Toast.LENGTH_LONG).show();
}
else{
    if(p.equals(cp)){
        Boolean res=db.onIns(user,name,p);
        if(res==true){
            Toast.makeText(SignUp.this, "Registration
Successful",Toast.LENGTH_LONG).show();
            Intent i=new Intent(SignUp.this, Login.class);
            startActivity(i);
        }
        else{
            Toast.makeText(SignUp.this, "User already exists! Please Login in",
Toast.LENGTH_SHORT).show();
        }
    }
    else{
        Toast.makeText(SignUp.this, "Passwords not
matching!",Toast.LENGTH_LONG).show();
    }
}
});
}
}

```

Design of SignUp/Registration form

[BACK](#)

Your First Step with us



REGISTER

Gender

☐ **Male**

☐ **Female**

[REGISTER](#)

"Learning to love , Loving to learn"

Login Screen

Activity login.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:background="#FFFFFF"
android:padding="10dp"
tools:context=".Login">

    <TextView
        android:id="@+id/textView5"
        android:layout_width="200dp"
        android:layout_height="175dp"
        android:text="Welcome to Stu's Zone"
        android:textColor="#9421B3"
        android:textSize="45dp"
        android:textStyle="bold"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.142"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.082" />

    <TextView
        android:id="@+id/textView"
        android:layout_width="402dp"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_alignParentLeft="true"
        android:layout_alignParentBottom="true"
        android:gravity="center_horizontal"
        android:text="An investment in knowledge always pays the best interest."
        android:textAlignment="center"
        android:textColor="#D81B60"
        android:textSize="13sp"
        android:textStyle="italic"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/signup"
        app:layout_constraintVertical_bias="0.807"
        tools:ignore="MissingConstraints"
        tools:layout_editor_absoluteX="-7dp" />

    <EditText
        android:id="@+id/uid"
```

```
android:layout_width="260dp"
android:layout_height="44dp"

android:layout_alignParentStart="true"
android:layout_alignParentLeft="true"
android:layout_alignParentEnd="true"
android:layout_alignParentRight="true"
android:autofillHints=""
android:backgroundTint="#6E8894"
android:ems="10"
android:gravity="center_horizontal"
android:hint="Enter your name"
android:inputType="textPersonName"
android:textColor="@color/black"
android:textColorHint="#87919E"
android:textSize="15sp"
app:layout_constraintBottom_toTopOf="@+id/pass"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.503"
app:layout_constraintStart_toStartOf="parent" />
```

<EditText

```
android:id="@+id/pass"
android:layout_width="261dp"
android:layout_height="45dp"
android:layout_alignParentStart="true"
android:layout_alignParentLeft="true"
android:layout_alignParentTop="true"
android:layout_alignParentEnd="true"
android:layout_alignParentRight="true"
android:layout_alignParentBottom="true"
android:layout_marginBottom="16dp"
android:backgroundTint="#6E8894"
android:ems="6"
android:gravity="center_horizontal"
android:hint="Enter your password"
android:inputType="textPassword"
android:textColor="#090909"
android:textColorHint="#87919E"
android:textSize="15sp"
app:layout_constraintBottom_toTopOf="@+id/login"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent" />
```

<TextView

```
android:id="@+id/textView4"
android:layout_width="261dp"
android:layout_height="25dp"
android:layout_alignParentStart="true"
android:layout_alignParentLeft="true"
```

```
android:layout_alignParentTop="true"
android:layout_alignParentBottom="true"
android:layout_centerHorizontal="true"
android:text="Are a NEW USER? Then register here "
android:textColor="#9421B3"
android:textSize="16sp"
android:textStyle="bold"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.58"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.771" />
```

```
<androidx.appcompat.widget.AppCompatButton
    android:id="@+id/login"
    android:layout_width="144dp"
    android:layout_height="36dp"
    android:layout_alignParentStart="true"
    android:layout_alignParentLeft="true"
    android:layout_alignParentTop="true"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:layout_marginBottom="228dp"
    android:background="@drawable/btn"
    android:shadowColor="#7CA7A8"
    android:shadowDx="0"
    android:shadowDy="0"
    android:shadowRadius="5"
    android:text="Log in"
    android:textColor="@color/white"
    android:textSize="13sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.498"
    app:layout_constraintStart_toStartOf="parent" />
```

```
<androidx.appcompat.widget.AppCompatButton
    android:id="@+id/signup"
    android:layout_width="138dp"
    android:layout_height="38dp"
    android:layout_alignParentStart="true"
    android:layout_alignParentLeft="true"
    android:layout_alignParentTop="true"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:background="@drawable/btn"
```



```
android:shadowColor="#7CA7A8"
android:shadowDx="0"
android:shadowDy="0"
android:shadowRadius="5"
android:text="SIGNUP"
android:textColor="@color/white"
android:textSize="13sp"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.487"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.844" />
```

```
<TextView
    android:id="@+id/textView6"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="LOGIN"
    android:textColor="#9421B3"
    android:textSize="35dp"
    android:textStyle="bold"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.437" />
```

```
<ImageView
    android:id="@+id/imageView3"
    android:layout_width="173dp"
    android:layout_height="236dp"
    app:layout_constraintBottom_toBottomOf="@+id/textView"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.995"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.006"
    app:srcCompat="@drawable/logo1" />
```

```
<ImageView
    android:layout_width="66dp"
    android:layout_height="68dp"
    android:layout_alignParentStart="true"
    android:layout_alignParentLeft="true"
    android:layout_alignParentTop="true"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:src="@drawable/ic_baseline_admin_panel_settings_24"
```

```

app:layout_constraintBottom_toBottomOf="@+id/textView"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.498"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.348" />

```

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

Login.java

```
package com.example.sayit;
```

```

import android.app.NotificationChannel;
import android.app.NotificationManager;
import android.content.Intent;
import android.os.Build;
import android.os.Bundle;
import android.view.View;
import android.widget.EditText;
import android.widget.Toast;

```

```

import androidx.appcompat.app.AppCompatActivity;
import androidx.appcompat.widget.AppCompatButton;
import androidx.core.app.NotificationCompat;
import androidx.core.app.NotificationManagerCompat;

```

```

public class Login extends AppCompatActivity {
    AppCompatButton login, signup;
    EditText n,p;
    DBHelper db;
    public static String stuname="";

```

@Override

```

protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_login);

    login=(AppCompatButton) findViewById(R.id.login);
    signup=(AppCompatButton) findViewById(R.id.signup);
    n=(EditText) findViewById(R.id.uid);
    p=(EditText) findViewById(R.id.pass);
    db=new DBHelper(this);
    if(Build.VERSION.SDK_INT >= Build.VERSION_CODES.O){
        NotificationChannel channel=new NotificationChannel("My Notification","My Notification", NotificationManager.IMPORTANCE_DEFAULT);
        NotificationManager manager=getSystemService(NotificationManager.class);
        manager.createNotificationChannel(channel);
    }
    login.setOnClickListener(new View.OnClickListener() {

```

```

@Override
public void onClick(View v) {
    String name=n.getText().toString();
    String pass=p.getText().toString();
    if(name.equals("")||pass.equals("")){
        Toast.makeText(Login.this, "Kindly fill all the
fields!",Toast.LENGTH_LONG).show();
    }
    else {
        Boolean res=db.onLogin(name,pass);
        if (res == true) {
            stuname = n.getText().toString();
            NotificationCompat.Builder builder=new
NotificationCompat.Builder(Login.this,"My Notification");
            builder.setContentTitle("STU'S ZONE - The future begins here");
            builder.setContentText("Welcome "+name+ " to Stu's Zone");
            builder.setSmallIcon(R.drawable.ic_baseline_notifications_active_24);
            builder.setAutoCancel(true);
            NotificationManagerCompat
managerCompat=NotificationManagerCompat.from(Login.this);
            managerCompat.notify(1,builder.build());
            Intent intent = new Intent(getApplicationContext(), Landing.class);
            startActivity(intent);

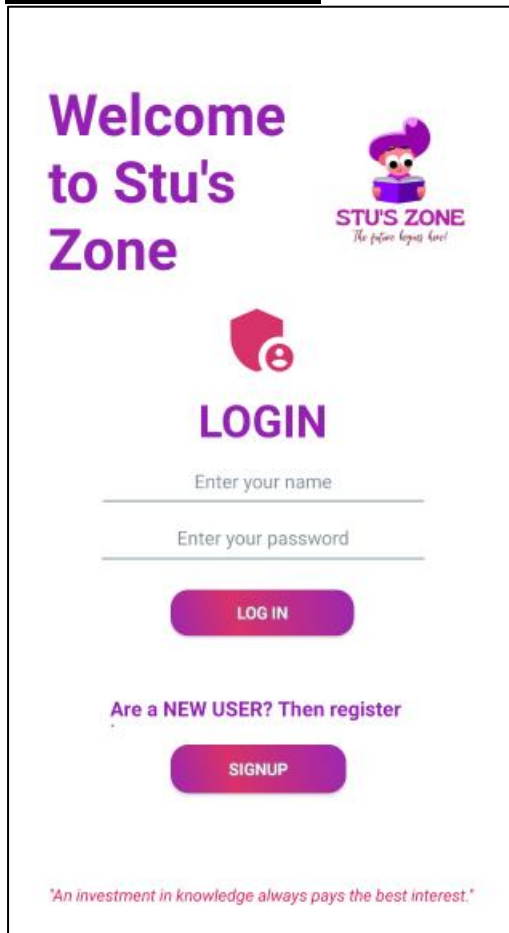
        }
        else{
            Toast.makeText(Login.this,"INVALID CREDENTIALS",
Toast.LENGTH_LONG).show();
        }
    }
}

});

signup.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent i=new Intent(Login.this, SignUp.class);
        startActivity(i);
    }
});
}
}

```

Design of Login Screen



DBHelper.java

```
package com.example.sayit;
```

```
import android.content.ContentValues;  
import android.content.Context;  
import android.database.Cursor;  
import android.database.sqlite.SQLiteDatabase;  
import android.database.sqlite.SQLiteOpenHelper;
```

```
import androidx.annotation.Nullable;
```

```
public class DBHelper extends SQLiteOpenHelper {  
    public DBHelper(@Nullable Context context, @Nullable String name, @Nullable  
        SQLiteDatabase.CursorFactory factory, int version) {  
        super(context, name, factory, version);  
    }  
}
```

```
public static final String DB="Login_MA55";  
public static final String TBNAME="USERS";  
public static final int TBV=1;  
public static final String COL1="Phone";  
public static final String COL2="Name";
```

```

public static final String COL3="Password";

@Override
public void onCreate(SQLiteDatabase db) {
    db.execSQL("Create table USERS(Phone TEXT PRIMARY KEY, Name TEXT,
Password TEXT)");
}

public DBHelper(Context context) {
    super(context, DB,null,TBV);
}

@Override
public void onUpgrade(SQLiteDatabase db, int oldVersion, int newVersion) {
    db.execSQL("DROP TABLE IF EXISTS " + TBNAME);
    onCreate(db);
}

public boolean onIns(String s, String n, String p){
    SQLiteDatabase db=this.getWritableDatabase();
    ContentValues cv=new ContentValues();
    cv.put(COL1,s);
    cv.put(COL2,n);
    cv.put(COL3,p);
    long res=db.insert(TBNAME, null,cv);
    if(res== -1){
        return false;
    }
    else{
        return true;
    }
}

public boolean changepassword(String u, String p){
    SQLiteDatabase db=this.getWritableDatabase();
    ContentValues cv=new ContentValues();
    cv.put(COL3,p);
    Cursor cursor = db.rawQuery("Select * from USERS where Phone=?", new String[]
{u});
    if(cursor.getCount()>0){
        long result = db.update(TBNAME, cv, "Phone=?", new String[] {u});
        if(result == -1){
            return false;
        }
        else{
            return true;
        }
    }
    else{
        return false;
    }
}
}

```

```

public boolean deleteacc(String p){
    SQLiteDatabase db=this.getWritableDatabase();
    Cursor c=db.rawQuery("Select * from USERS where Phone=?",new String[] {p});
    if(c.getCount(>0){
        long res=db.delete(TBNAME,"Phone=?",new String[] {p});
        if(res==1){
            return false;
        }else{
            return true;
        }
    }else{
        return false;
    }
}

public boolean onLogin(String s, String p){
    SQLiteDatabase db=this.getWritableDatabase();
    Cursor cursor = db.rawQuery("Select * from USERS where Name=? AND Password=?", new String[] {s,p});
    if(cursor.getCount(>0) {
        return true;
    }
    else{
        return false;
    }
}
}

```

Landing Page

Activity landing.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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:background="#FFC4EB"
    tools:context=".Landing">
    <TextView
        android:id="@+id/title_view"
        android:layout_width="185dp"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_alignParentLeft="true"
        android:layout_alignParentEnd="true"
        android:layout_alignParentRight="true"
        android:layout_alignParentBottom="true"
        android:layout_marginStart="119dp"
        android:layout_marginLeft="119dp"
        android:layout_marginEnd="105dp"
        android:layout_marginRight="105dp"
        android:layout_marginBottom="538dp"
        android:fontFamily="sans-serif-black"
        android:text="CATEGORIES"
        android:textColor="#9421B3"
        android:textSize="30dp"
        android:textStyle="bold" />

    <GridLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_below="@id/title_view"
        android:rowCount="3"
        android:columnCount="2"/>

    <androidx.cardview.widget.CardView
        android:id="@+id/cid"
        android:layout_width="154dp"
        android:layout_height="174dp"
        android:layout_row="0"
        android:layout_rowWeight="1"
        android:layout_column="0"
        android:layout_columnWeight="1"
        android:layout_alignParentEnd="true"
        android:layout_alignParentRight="true"
        android:layout_alignParentBottom="true"
        android:layout_gravity="fill"
```

```
android:layout_marginEnd="217dp"
android:layout_marginRight="217dp"
android:layout_marginBottom="348dp"
android:background="#FDCB35"
app:cardBackgroundColor="@color/white"
app:cardCornerRadius="8dp"
app:cardElevation="8dp">
```

```
<LinearLayout
    android:layout_width="122dp"
    android:layout_height="133dp"
    android:layout_gravity="center_vertical|center_horizontal"
    android:gravity="center"
    android:orientation="vertical">
```

```
<ImageView
    android:id="@+id/std"
    android:layout_width="122dp"
    android:layout_height="133dp"
    android:src="@drawable/app1" />
```

```
</LinearLayout>
```

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

```
<androidx.cardview.widget.CardView
    android:id="@+id/lid"
    android:layout_width="154dp"
    android:layout_height="174dp"
    android:layout_row="0"
    android:layout_rowWeight="1"
    android:layout_column="0"
    android:layout_columnWeight="1"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:layout_gravity="fill"
    android:layout_marginEnd="43dp"
    android:layout_marginRight="43dp"
    android:layout_marginBottom="353dp"
    android:background="#FDCB35"
    app:cardBackgroundColor="@color/white"
    app:cardCornerRadius="8dp"
    app:cardElevation="8dp">
```

```
<LinearLayout
    android:layout_width="122dp"
    android:layout_height="133dp"
    android:layout_gravity="center_vertical|center_horizontal"
    android:gravity="center"
```



```

        android:orientation="vertical">

        <ImageView
            android:id="@+id/lib"
            android:layout_width="122dp"
            android:layout_height="133dp"
            android:src="@drawable/app2"/>

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

<androidx.cardview.widget.CardView
    android:id="@+id/carddic"
    android:layout_width="154dp"
    android:layout_height="174dp"
    android:layout_row="0"
    android:layout_rowWeight="1"
    android:layout_column="0"
    android:layout_columnWeight="1"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:layout_gravity="fill"
    android:layout_marginEnd="217dp"
    android:layout_marginRight="217dp"
    android:layout_marginBottom="127dp"
    android:background="#FDCB35"
    app:cardBackgroundColor="@color/white"
    app:cardCornerRadius="8dp"
    app:cardElevation="8dp">

    <LinearLayout
        android:layout_width="122dp"
        android:layout_height="133dp"
        android:layout_gravity="center_vertical|center_horizontal"
        android:gravity="center"
        android:orientation="vertical">

        <ImageView
            android:id="@+id/imgdic"
            android:layout_width="122dp"
            android:layout_height="133dp"
            android:src="@drawable/setting"
            />

    </LinearLayout>

</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView

```

```
android:id="@+id/todo"
android:layout_width="154dp"
android:layout_height="174dp"
android:layout_row="0"
android:layout_rowWeight="1"
android:layout_column="0"
android:layout_columnWeight="1"
android:layout_alignParentEnd="true"
android:layout_alignParentRight="true"
android:layout_alignParentBottom="true"
android:layout_gravity="fill"
android:layout_marginEnd="36dp"
android:layout_marginRight="36dp"
android:layout_marginBottom="126dp"
android:background="#FDCB35"
app:cardBackgroundColor="@color/white"
app:cardCornerRadius="8dp"
app:cardElevation="8dp">
```

```
<LinearLayout
    android:layout_width="122dp"
    android:layout_height="133dp"
    android:layout_gravity="center_vertical|center_horizontal"
    android:gravity="center"
    android:orientation="vertical">
```

```
<ImageView
    android:id="@+id/imgtodo"
    android:layout_width="122dp"
    android:layout_height="133dp"
    android:src="@drawable/app3"/>
```

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

```
<TextView
    android:id="@+id/textView11"
    android:layout_width="189dp"
    android:layout_height="wrap_content"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:layout_marginEnd="96dp"
    android:layout_marginRight="96dp"
    android:layout_marginBottom="23dp"
    android:text="Adorn your vocabulary better!"
    android:textColor="#D81B60"
    android:textSize="13dp"
    android:textStyle="italic" />
```

```

<TextView
    android:id="@+id/textView9"
    android:layout_width="303dp"
    android:layout_height="53dp"
    android:layout_alignParentStart="true"
    android:layout_alignParentLeft="true"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:layout_marginStart="53dp"
    android:layout_marginLeft="53dp"
    android:layout_marginEnd="55dp"
    android:layout_marginRight="55dp"
    android:layout_marginBottom="636dp"
    android:textColor="#D81B60"
    android:textSize="25dp"
    android:textStyle="bold" />
</RelativeLayout>

```

Landing.java

```
package com.example.sayit;
```

```

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.TextView;

```

```

import androidx.appcompat.app.AppCompatActivity;
import androidx.cardview.widget.CardView;

```

```

public class Landing extends AppCompatActivity {
    CardView c1, c2, c3, c4;
    TextView name;
    public static String temp = "";

```

@Override

```

protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_landing);
    c1 = (CardView) findViewById(R.id.cid);
    c2 = (CardView) findViewById(R.id.lid);
    c3 = (CardView) findViewById(R.id.caddic);
    c4 = (CardView) findViewById(R.id.todo);
    name = (TextView) findViewById(R.id.textView9);
    temp = Login.stuname;
    name.setText("Welcome " + temp);
    c1.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {

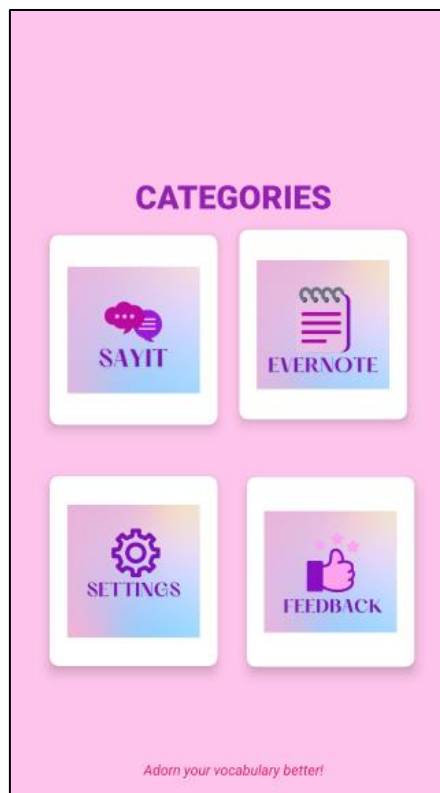
```

```

        Intent i1 = new Intent(Landing.this, MainActivity.class);
        startActivity(i1);
    }
});
c2.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent i1 = new Intent(getApplicationContext(),Notesapp.class);
        startActivity(i1);
    }
});
c3.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent i1 = new Intent(Landing.this, Settings.class);
        startActivity(i1);
    }
});
c4.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent i1 = new Intent(Landing.this,MainActivity_feedback.class);
        startActivity(i1);
    }
});
});

```

Design of Landing Page



Say It

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:padding="5dp"
android:background="@color/white"
tools:context=".MainActivity">

    <ImageView
        android:id="@+id/imageView"
        android:layout_width="406dp"
        android:layout_height="219dp"
        app:layout_constraintBottom_toBottomOf="@+id/textView"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.995"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.006"
        app:srcCompat="@drawable/logo1" />

    <TextView
        android:id="@+id/textView8"
        android:layout_width="162dp"
        android:layout_height="47dp"
        android:layout_alignParentStart="true"
        android:layout_alignParentLeft="true"
        android:layout_alignParentTop="true"
        android:layout_alignParentEnd="true"
        android:layout_alignParentRight="true"
        android:layout_alignParentBottom="true"
        android:text=" SAY IT"
        android:textColor="#9421B3"
        android:textSize="35dp"
        android:textStyle="bold"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.59"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="@+id/imageView"
        app:layout_constraintVertical_bias="0.394" />

    <ImageView
        android:id="@+id/imageView4"
        android:layout_width="66dp"
```

```
android:layout_height="68dp"
android:layout_alignParentStart="true"
android:layout_alignParentLeft="true"
android:layout_alignParentTop="true"
android:layout_alignParentEnd="true"
android:layout_alignParentRight="true"
android:layout_alignParentBottom="true"
android:src="@drawable/ic_baseline_mic_24"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.498"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="@+id/imageView"
app:layout_constraintVertical_bias="0.306" />
```

<EditText

```
android:id="@+id/protext"
android:layout_width="357dp"
android:layout_height="wrap_content"
android:layout_above="@+id/pin"
android:layout_alignParentEnd="true"
android:layout_alignParentRight="true"

android:background="@color/white"
android:gravity="start"
android:hint="Enter Text to Pronounce..."
android:minHeight="100dp"
android:padding="5dp"
android:textColor="@color/black"
```

```
android:textColorHint="#CABEBE"
android:textSize="15dp"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.538" />
```

<androidx.appcompat.widget.AppCompatButton

```
android:id="@+id/speakbtn"
android:layout_width="57dp"
android:layout_height="47dp"
android:layout_below="@id/protext"
android:layout_alignParentStart="true"
android:layout_alignParentLeft="true"
android:layout_alignParentEnd="true"
android:layout_alignParentRight="true"
android:background="@drawable/btn"
android:drawableLeft="@drawable/ic_baseline_volume_up_24"
android:drawablePadding="5dp"
```

```
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.118"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.817" />
```

```
<androidx.appcompat.widget.AppCompatButton
    android:id="@+id/stopbtn"
    android:layout_width="55dp"
    android:layout_height="51dp"
    android:layout_above="@+id/textView"
    android:layout_below="@id/protext"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
```

```
    android:background="@drawable/btn"
```

```
    android:drawableLeft="@drawable/ic_baseline_volume_off_24"
    android:drawablePadding="5dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.866"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.817" />
```

```
<androidx.appcompat.widget.AppCompatButton
    android:id="@+id/button"
    android:layout_width="93dp"
    android:layout_height="32dp"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:background="@drawable/btn"
    android:text="BACK"
    android:textColor="@color/white"
    android:textSize="13dp"
    android:textStyle="bold"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.084"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.054" />
```

```
<SeekBar
    android:id="@+id/pin"
```

```
android:layout_width="208dp"
android:layout_height="29dp"
android:layout_alignParentEnd="true"
android:layout_alignParentRight="true"
android:layout_alignParentBottom="true"
android:progress="50"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.871"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.653" />
```

<SeekBar

```
android:id="@+id/screen"
android:layout_width="197dp"
android:layout_height="30dp"
android:layout_alignParentStart="true"
android:layout_alignParentLeft="true"
android:layout_alignParentEnd="true"
android:layout_alignParentRight="true"
android:layout_alignParentBottom="true"
android:progress="50"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.808"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.72" />
```

<TextView

```
android:id="@+id/text"
android:layout_width="91dp"
android:layout_height="27dp"
android:layout_alignParentStart="true"
android:layout_alignParentLeft="true"
android:layout_alignParentTop="true"
android:layout_alignParentEnd="true"
android:layout_alignParentRight="true"
android:layout_alignParentBottom="true"
android:text="Set Pitch"
android:textColor="#9421B3"
android:textSize="18dp"
android:textStyle="bold"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.084"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.651" />
```



```
<TextView
    android:id="@+id/textView10"
    android:layout_width="104dp"
    android:layout_height="26dp"
    android:layout_alignParentStart="true"
    android:layout_alignParentLeft="true"
    android:layout_alignParentTop="true"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:text="Set Speed"
    android:textColor="#9421B3"
    android:textSize="18dp"
    android:textStyle="bold"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.087"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.719" />
```

```
<TextView
    android:id="@+id/textView11"
    android:layout_width="244dp"
    android:layout_height="21dp"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:text="A community for lifelong learners"
    android:textColor="#D81B60"
    android:textSize="13dp"
    android:textStyle="italic"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.658"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.977" />
```

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

MainActivity.java

```
package com.example.sayit;
import android.os.Bundle;
import android.speech.tts.TextToSpeech;
import android.util.Log;
import android.view.View;
import android.widget.EditText;
import android.widget.SeekBar;
import android.widget.Toast;
```

```

import androidx.appcompat.app.AppCompatActivity;
import androidx.appcompat.widget.AppCompatButton;
import java.util.Locale;

public class MainActivity extends AppCompatActivity {
    EditText text;
    AppCompatButton speak, stop;
    TextToSpeech mTTs;
    private SeekBar s1, s2;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        text = (EditText) findViewById(R.id.protext);
        speak = (AppCompatButton) findViewById(R.id.speakbtn);
        stop = (AppCompatButton) findViewById(R.id.stopbtn);
        s1 = (SeekBar) findViewById(R.id.pin);
        s2 = (SeekBar) findViewById(R.id.screen);
        mTTs = new TextToSpeech(this, new TextToSpeech.OnInitListener() {
            @Override
            public void onInit(int status) {
                if (status == TextToSpeech.SUCCESS) {
                    int result = mTTs.setLanguage(Locale.UK);
                    if (result == TextToSpeech.LANG_MISSING_DATA || result ==
TextToSpeech.LANG_NOT_SUPPORTED) {
                        Log.e("TTS", "Language not supported");
                    } else {
                        speak.setEnabled(true);
                    }
                } else {
                    Log.e("TTS", "Initialization failed");
                }
            }
        });
        speak.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                String text1 = text.getText().toString();
                float pitch = (float) s1.getProgress() / 50;
                if (pitch < 0.1) pitch = 0.1f;
                float speed = (float) s2.getProgress() / 50;
                if (speed < 0.1) speed = 0.1f;
                mTTs.setPitch(pitch);
                mTTs.setSpeechRate(speed);
                mTTs.speak(text1, TextToSpeech.QUEUE_FLUSH, null);
            }
        });
        stop.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {

```

```

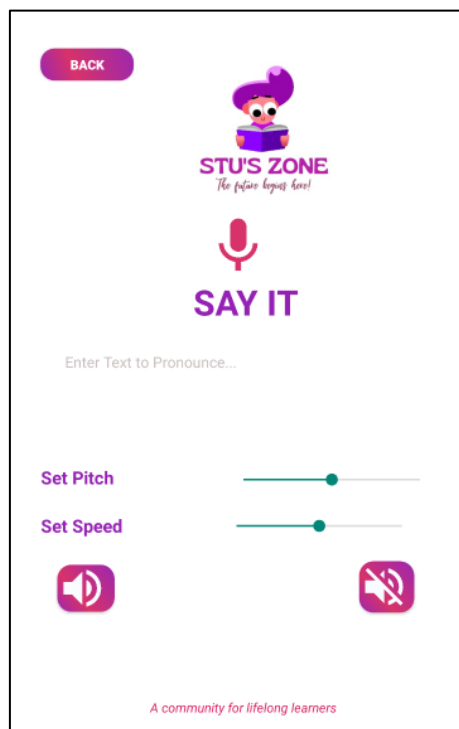
        if(mTTs.isSpeaking()){
            mTTs.stop();
        }else{
            Toast.makeText(MainActivity.this, "Not speaking",
Toast.LENGTH_SHORT).show();
        }
    }
});
}
private void speakit() {
}

@Override
protected void onPause() {
    if(mTTs != null || mTTs.isSpeaking()){
        mTTs.stop();
    }
    super.onPause();
}

protected void onDestroy() {
    if (mTTs != null) {
        mTTs.stop();
        mTTs.shutdown();
    }
    super.onDestroy();
}
}

```

Design of SAY IT page



Ever Note

Activity notesapp.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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="fill_parent"
    android:layout_height="fill_parent"
    android:background="#FFC4EB"
    >
<ListView
    android:id="@+id/list_view"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:dividerHeight="1dp"
    android:background="#FFC4EB"
    android:padding="10dp"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:id="@+id/empty"
    android:layout_centerInParent="true"
    android:textStyle="bold"
    android:textSize="20dp"
    android:textColor="#9421B3"
    android:text="No notes saved in list"/>
</RelativeLayout>
```

Notesapp.java

```
package com.example.sayit;
import androidx.appcompat.app.AppCompatActivity;
import android.content.Intent;
import android.database.Cursor;
import android.os.Bundle;
import android.view.Menu;
import android.view.MenuItem;
import android.view.View;
import android.widget.AdapterView;
import android.widget.ListView;
import android.widget.SimpleCursorAdapter;
import android.widget.TextView;

public class Notesapp extends AppCompatActivity {
    private DBManager dbManager;
    private ListView listView;
    private SimpleCursorAdapter adapter;
```

```

final String[] from=new String[]
{DatabaseHelper._ID,DatabaseHelper.SUBJECT,DatabaseHelper.DESCP};
final int[] to=new int[] {R.id.id, R.id.title, R.id.desc};
@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_notesapp);
    dbManager=new DBManager(this);
    dbManager.open();
    Cursor cursor=dbManager.fetch();
    listView=findViewById(R.id.list_view);
    listView.setEmptyView(findViewById(R.id.empty));
    adapter=new SimpleCursorAdapter(this,R.layout.activity_view_record,cursor,from,to,
0);
    adapter.notifyDataSetChanged();
    listView.setAdapter(adapter);
    listView.setOnItemClickListener(new AdapterView.OnItemClickListener() {
        @Override
        public void onItemClick(AdapterView<?> parent, View view, int position, long
viewid) {
            TextView idTextView=view.findViewById(R.id.id);
            TextView titleTextView=view.findViewById(R.id.title);
            TextView descTextView=view.findViewById(R.id.desc);
            String id=idTextView.getText().toString();
            String title=titleTextView.getText().toString();
            String desc=descTextView.getText().toString();
            Intent i=new Intent(getApplicationContext(),Modify.class);
            i.putExtra("title",title);
            i.putExtra("desc",desc);
            i.putExtra("id",id);
            startActivity(i);
        }
    });

}

public boolean onCreateOptionsMenu(Menu menu){
    getMenuInflater().inflate(R.menu.menu,menu);
    return true;
}

public boolean onOptionsItemSelected(MenuItem item){
    int id=item.getItemId();
    if(id==R.id.add_record){
        Intent i=new Intent(this,AddActivity.class);
        startActivity(i);
    }
    return super.onOptionsItemSelected(item);
}
}

```

Design of EverNote Page

Item 1 Sub Item 1	
Item 2 Sub Item 2	
Item 3 Sub Item 3	
Item 4 Sub Item 4	
Item 5 Sub Item 5	
Item 6 Sub Item 6	
No notes saved in list	
Item 7 Sub Item 7	
Item 8 Sub Item 8	
Item 9 Sub Item 9	
Item 10 Sub Item 10	
Item 11 Sub Item 11	

Activity add.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:orientation="vertical"
android:padding="20dp"
android:background="@color/white"
tools:context=".AddActivity">
```

```
<ImageView
android:id="@+id/imageView5"
android:layout_width="74dp"
android:layout_height="68dp"
android:layout_alignParentStart="true"
android:layout_alignParentLeft="true"
android:layout_alignParentTop="true"
```

```
android:layout_alignParentEnd="true"
android:layout_alignParentRight="true"
android:layout_alignParentBottom="true"
android:layout_marginBottom="8dp"
android:src="@drawable/ic_baseline_assignment_24"
app:layout_constraintBottom_toTopOf="@+id/textView6"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.498"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toBottomOf="@+id/imageView2"
app:layout_constraintVertical_bias="1.0" />
```

```
<TextView
    android:id="@+id/textView6"
    android:layout_width="217dp"
    android:layout_height="52dp"
    android:layout_alignParentStart="true"
    android:layout_alignParentLeft="true"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:text="EVER NOTE"
    android:textColor="#9421B3"
    android:textSize="35dp"
    android:textStyle="bold"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.541"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.304" />
```

```
<EditText
    android:id="@+id/subject_edittext"
    android:layout_width="370dp"
    android:layout_height="61dp"
    android:ems="10"
    android:hint="Enter Title"
    android:textColor="@color/black"
    android:textColorHint="#807676"
    android:textSize="15dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.512"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.397">
```

```
    <requestFocus />
</EditText>
```

```
<EditText
    android:id="@+id/description_edittext"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginBottom="268dp"
    android:ems="10"
    android:hint="Enter description"
    android:inputType="textMultiLine"
    android:minLines="5"
    android:textColor="@color/black"
    android:textColorHint="#807676"
    android:textSize="15dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent">
```

```
</EditText>
```

```
<androidx.appcompat.widget.AppCompatButton
    android:id="@+id/add_record"
    android:layout_width="201dp"
    android:layout_height="45dp"
    android:layout_gravity="center"
    android:background="@drawable/btn"
    android:text="Add Record"
    android:textColor="@color/white"
    android:textSize="13dp"
    android:textStyle="bold"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.701" />
```

```
<TextView
    android:id="@+id/textView11"
    android:layout_width="189dp"
    android:layout_height="wrap_content"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:text="Acheiving excellence together"
    android:textColor="#D81B60"
    android:textSize="13dp"
    android:textStyle="italic"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.527"
    app:layout_constraintStart_toStartOf="parent"
```



```
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.977" />
```

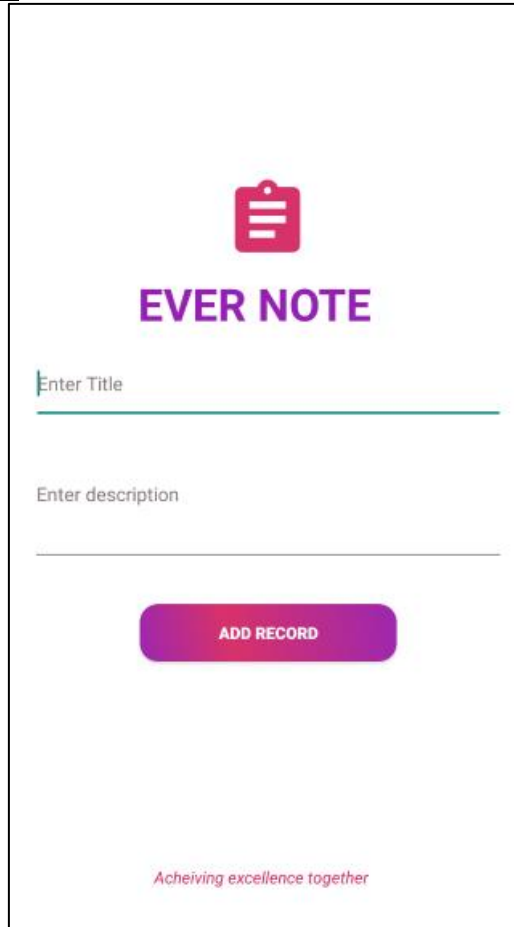
```
</androidx.constraintlayout.widget.ConstraintLayout>
```

AddActivity.java

```
package com.example.sayit;
```

```
import android.app.Activity;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.EditText;
import androidx.appcompat.widget.AppCompatActivity;
public class AddActivity extends AppCompatActivity implements View.OnClickListener {
    private AppCompatActivity addTodoBtn;
    private EditText subjectEditText;
    private EditText descEditText;
    private DBManager dbManager;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setTitle("Add Record");
        setContentView(R.layout.activity_add);
        subjectEditText=findViewById(R.id.subject_edittext);
        descEditText=findViewById(R.id.description_edittext);
        addTodoBtn=findViewById(R.id.add_record);
        dbManager=new DBManager(this);
        dbManager.open();
        addTodoBtn.setOnClickListener(this);
    }
    @Override
    public void onClick(View v) {
        switch(v.getId()){
            case R.id.add_record:
                final String name=subjectEditText.getText().toString();
                final String desc=descEditText.getText().toString();
                dbManager.insert(name,desc);
                Intent i=new
Intent(AddActivity.this,Notesapp.class).setFlags(Intent.FLAG_ACTIVITY_CLEAR_TOP);
                startActivity(i);
                break;
            }
        }
    }
}
```

Design of Add Notes Page

The image shows a mobile app interface for adding a note. At the top center is a red clipboard icon. Below it, the text "EVER NOTE" is displayed in a bold, purple, sans-serif font. Underneath the title are two input fields: the first is labeled "Enter Title" and the second is labeled "Enter description". Both labels are in a light gray font. Below the input fields is a large, rounded purple button with the text "ADD RECORD" in white, uppercase letters. At the bottom of the screen, the text "Acheiving excellence together" is written in a small, italicized, red font. The entire interface is set against a white background with a thin black border.

Activity view_record.xml

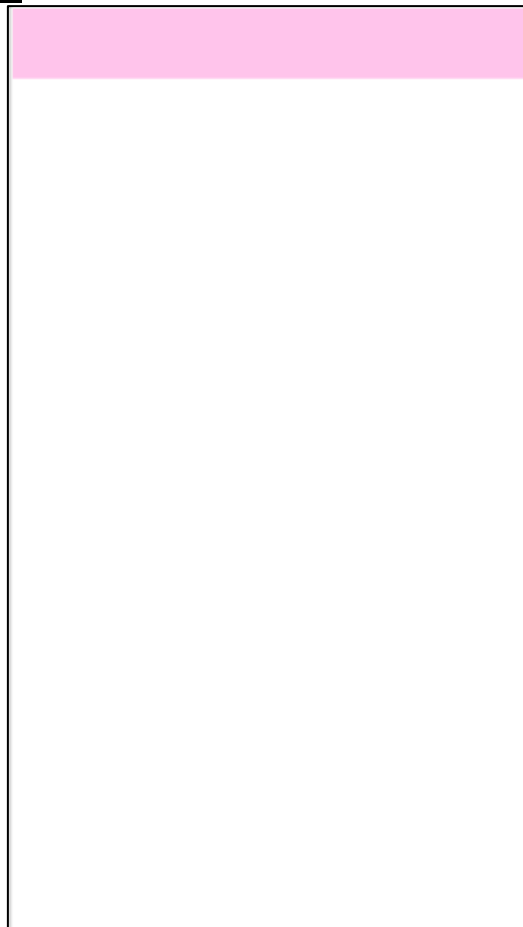
```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:background="#FFC4EB"
    >
    <TextView
        android:layout_width="25dp"
        android:layout_height="wrap_content"
        android:id="@+id/id"
        android:layout_alignParentLeft="true"
        android:layout_alignParentTop="true"
        android:layout_marginRight="6dp"
        android:padding="3dp"
        android:textColor="#9421B3"
        android:visibility="visible"/>
    <TextView
        android:layout_width="fill_parent"
        android:layout_height="wrap_content"
        android:id="@id/title"
        android:layout_marginLeft="10dp"
```

```

        android:layout_toRightOf="@id/id"
        android:maxLines="1"
        android:padding="3dp"
        android:textSize="17sp"
        android:textColor="#9421B3"
        android:textStyle="bold"/>
<TextView
    android:layout_width="fill_parent"
    android:layout_height="wrap_content"
    android:id="@+id/desc"
    android:layout_below="@id/title"
    android:layout_marginLeft="10dp"
    android:layout_toRightOf="@id/id"
    android:ellipsize="end"
    android:maxLines="2"
    android:padding="3dp"
    android:textColor="#9421B3"
    android:visibility="visible"/>
</RelativeLayout>

```

Design of NotesView Page



Activity_modify.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:orientation="vertical"
android:background="@color/white"
android:padding="10dp"
>
```

```
<ImageView
    android:layout_width="74dp"
    android:layout_height="68dp"
    android:layout_alignParentStart="true"
    android:layout_alignParentLeft="true"
    android:layout_alignParentTop="true"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:layout_marginBottom="8dp"
    android:src="@drawable/ic_baseline_assignment_24"
    app:layout_constraintBottom_toTopOf="@+id/textView6"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.498"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/imageView2"
    app:layout_constraintVertical_bias="0.8" />
```

```
<TextView
    android:id="@+id/textView6"
    android:layout_width="186dp"
    android:layout_height="47dp"
    android:layout_alignParentStart="true"
    android:layout_alignParentLeft="true"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:text="EVER NOTE"
    android:textColor="#9421B3"
    android:textSize="35dp"
    android:textStyle="bold"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.497"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.349" />
```

```
<EditText
```

```
android:id="@+id/subject_edittext"
android:layout_width="388dp"
android:layout_height="53dp"
android:ems="10"
android:hint="Enter Title"
android:textColor="@color/black"
android:textSize="15dp"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.478"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.426" />
```

<EditText

```
android:id="@+id/description_edittext"
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:layout_marginBottom="264dp"
android:ems="10"
android:hint="Enter description"
android:inputType="textMultiLine"
android:minLines="5"
android:textColor="@color/black"
android:textSize="15dp"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.842"
app:layout_constraintStart_toStartOf="parent"
```

/>

<androidx.appcompat.widget.AppCompatButton

```
android:id="@+id/btn_update"
android:layout_width="136dp"
android:layout_height="35dp"
android:layout_weight="1"
android:background="@drawable/btn"
android:text="Update"
android:textColor="@color/white"
android:textSize="13dp"
android:textStyle="bold"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.225"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.702" />
```

<androidx.appcompat.widget.AppCompatButton

```

android:id="@+id/btn_delete"
android:layout_width="144dp"
android:layout_height="37dp"
android:layout_weight="1"
android:background="@drawable/btn"
android:text="Delete"
android:textColor="@color/white"
android:textSize="13dp"
android:textStyle="bold"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.876"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.698" />

```

```

<TextView
    android:id="@+id/textView11"
    android:layout_width="272dp"
    android:layout_height="26dp"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:text="Better education develops the nation."
    android:textColor="#D81B60"
    android:textSize="13dp"
    android:textStyle="italic"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.712"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.977" />

```

```

</androidx.constraintlayout.widget.ConstraintLayout>

```

Modify.java

```

package com.example.sayit;

```

```

import android.app.Activity;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.EditText;

```

```

import androidx.appcompat.widget.AppCompatButton;

```

```

public class Modify extends Activity implements View.OnClickListener {
    private EditText titleText;
    private AppCompatButton updateBtn,deleteBtn;

```

```

private EditText descText;
private long id1;
private DBManager dbManager;
@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setTitle("Modify Record");

    setContentView(R.layout.activity_modify);
    dbManager=new DBManager(this);
    dbManager.open();
    titleText=findViewById(R.id.subject_edittext);
    descText=findViewById(R.id.description_edittext);
    updateBtn=findViewById(R.id.btn_update);
    deleteBtn=findViewById(R.id.btn_delete);
    Intent i=getIntent();
    String id=i.getStringExtra("id");
    String name=i.getStringExtra("title");
    String desc=i.getStringExtra("desc");
    id1=Long.parseLong(id);
    titleText.setText(name);
    descText.setText(desc);
    updateBtn.setOnClickListener(this);
    deleteBtn.setOnClickListener(this);
}

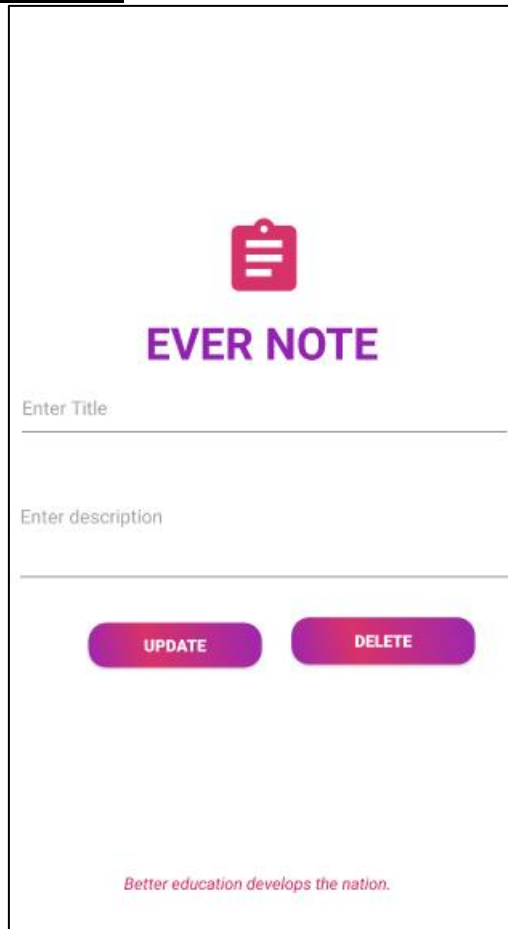
@Override
public void onClick(View v) {
    switch (v.getId()){
        case R.id.btn_update:
            String title=titleText.getText().toString();
            String desc=descText.getText().toString();
            dbManager.update(id1,title,desc);
            this.returnHome();
            break;

        case R.id.btn_delete:
            dbManager.delete(id1);
            this.returnHome();
            break;
    }
}

public void returnHome(){
    Intent i=new
Intent(getApplicationContext(),Notesapp.class).setFlags(Intent.FLAG_ACTIVITY_CLEAR_T
OP);
    startActivity(i);
}
}

```

Design of Update and Delete Page



EVER NOTE

Enter Title:

Enter description

UPDATE DELETE

Better education develops the nation.

DatabaseHelper.java

```
package com.example.sayit;
```

```
import android.content.Context;
```

```
import android.database.sqlite.SQLiteDatabase;
```

```
import android.database.sqlite.SQLiteOpenHelper;
```

```
import androidx.annotation.Nullable;
```

```
public class DatabaseHelper extends SQLiteOpenHelper {  
    public static final String DB_NAME="NOTEAPP.DB";  
    public static final int DB_VERSION=1;  
    public static final String TABLE_NAME="CONNOTES";  
    public static final String _ID="_id";  
    public static final String SUBJECT="subject";  
    public static final String DESC="description";  
  
    public DatabaseHelper(@Nullable Context context) {  
        super(context, DB_NAME, null, DB_VERSION);  
    }  
    private static final String CREATE_TABLE = "create table " +  
        TABLE_NAME + "(" + _ID  
        + " INTEGER PRIMARY KEY AUTOINCREMENT, " + SUBJECT +  
        " TEXT NOT NULL, " + DESC + " TEXT);";
```



```

@Override
public void onCreate(SQLiteDatabase db) {
    db.execSQL(CREATE_TABLE);
}

@Override
public void onUpgrade(SQLiteDatabase db, int oldVersion, int newVersion) {
    db.execSQL("DROP TABLE IF EXISTS "+TABLE_NAME);
    onCreate(db);
}
}

```

DBManager.java

```

package com.example.sayit;

import android.content.ContentValues;
import android.content.Context;
import android.database.Cursor;
import android.database.SQLException;
import android.database.sqlite.SQLiteDatabase;

public class DBManager {
    private DatabaseHelper dbHelper;
    private Context context;
    private SQLiteDatabase database;
    public DBManager(Context c){
        context=c;
    }
    public DBManager open() throws SQLException{
        dbHelper=new DatabaseHelper(context);
        database=dbHelper.getWritableDatabase();
        return this;
    }
    public void close(){
        dbHelper.close();
    }
    public void insert(String name,String desc){
        ContentValues contentValues=new ContentValues();
        contentValues.put(DatabaseHelper.SUBJECT,name);
        contentValues.put(DatabaseHelper.DESCP,desc);
        database.insert(DatabaseHelper.TABLE_NAME, null, contentValues);
    }
    public Cursor fetch(){
        String[] columns=new String[]
        {DatabaseHelper._ID,DatabaseHelper.SUBJECT,DatabaseHelper.DESCP};
        Cursor cursor=database.query(DatabaseHelper.TABLE_NAME,columns, null, null, null,
        null, null);
        if(cursor!=null){

```

```

        cursor.moveToFirst();
    }
    return cursor;
}
public int update(long _id,String name,String desc){
    ContentValues contentValues=new ContentValues();
    contentValues.put(DatabaseHelper.SUBJECT,name);
    contentValues.put(DatabaseHelper.DESCP,desc);
    int
i=database.update(DatabaseHelper.TABLE_NAME,contentValues,DatabaseHelper._ID+" =
"+ _id, null);
    return i;
}
public void delete(long id){
    database.delete(DatabaseHelper.TABLE_NAME,DatabaseHelper._ID + " = " + id, null);

}
}

```

Settings Page

Activity settings.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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:background="#FFC4EB"
    tools:context=".Settings">

    <TextView
        android:id="@+id/title_view"
        android:layout_width="347dp"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_alignParentLeft="true"
        android:layout_alignParentEnd="true"
        android:layout_alignParentRight="true"
        android:layout_alignParentBottom="true"
        android:layout_marginStart="31dp"
        android:layout_marginLeft="31dp"
        android:layout_marginEnd="33dp"
        android:layout_marginRight="33dp"
        android:layout_marginBottom="537dp"
        android:fontFamily="sans-serif-black"
        android:text="WHAT DO YOU WANT TO DO ?"
        android:textColor="#9421B3"
        android:textSize="25dp"
        android:textStyle="bold" />

    <GridLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_below="@id/title_view"
        android:rowCount="3"
        android:columnCount="2"/>

    <androidx.cardview.widget.CardView
        android:id="@+id/change"
        android:layout_width="154dp"
        android:layout_height="174dp"
        android:layout_row="0"
        android:layout_rowWeight="1"
        android:layout_column="0"
        android:layout_columnWeight="1"
        android:layout_alignParentEnd="true"
        android:layout_alignParentRight="true"
        android:layout_alignParentBottom="true"
```

```
android:layout_gravity="fill"
android:layout_marginEnd="217dp"
android:layout_marginRight="217dp"
android:layout_marginBottom="348dp"
android:background="#FDCB35"
app:cardBackgroundColor="@color/white"
app:cardCornerRadius="8dp"
app:cardElevation="8dp">
```

```
<LinearLayout
    android:layout_width="122dp"
    android:layout_height="133dp"
    android:layout_gravity="center_vertical|center_horizontal"
    android:gravity="center"
    android:orientation="vertical">
```

```
<ImageView
    android:id="@+id/std"
    android:layout_width="122dp"
    android:layout_height="133dp"
    android:src="@drawable/change"/>
```

```
</LinearLayout>
```

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

```
<androidx.cardview.widget.CardView
    android:id="@+id/delete"
    android:layout_width="154dp"
    android:layout_height="174dp"
    android:layout_row="0"
    android:layout_rowWeight="1"
    android:layout_column="0"
    android:layout_columnWeight="1"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:layout_gravity="fill"
    android:layout_marginEnd="43dp"
    android:layout_marginRight="43dp"
    android:layout_marginBottom="348dp"
    android:background="#FDCB35"
    app:cardBackgroundColor="@color/white"
    app:cardCornerRadius="8dp"
    app:cardElevation="8dp">
```

```
<LinearLayout
    android:layout_width="122dp"
    android:layout_height="133dp"
    android:layout_gravity="center_vertical|center_horizontal"
```

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

```
    <ImageView
        android:id="@+id/lib"
        android:layout_width="122dp"
        android:layout_height="133dp"
        android:src="@drawable/delete"/>
```

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

```
</RelativeLayout>
```

Settings.java

```
package com.example.sayit;
```

```
import androidx.appcompat.app.AppCompatActivity;
import androidx.cardview.widget.CardView;
```

```
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
```

```
public class Settings extends AppCompatActivity {
    CardView c1,c2;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_settings);
        c1=(CardView)findViewById(R.id.change);
        c2=(CardView)findViewById(R.id.delete);
        c1.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent i1=new Intent(Settings.this,changeapp.class);
                startActivity(i1);
            }
        });
        c2.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent i1=new Intent(Settings.this,Deleteapp.class);
                startActivity(i1);
            }
        });
    }
}
```

Design of Settings Page

WHAT DO YOU WANT TO DO ?



Change Password Page

Activity changepass.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:background="@color/white"
tools:context=".changepass">
<androidx.appcompat.widget.AppCompatButton
    android:id="@+id/bb2"
    android:layout_width="77dp"
    android:layout_height="74dp"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:layout_marginStart="16dp"
    android:layout_marginLeft="16dp"
    android:background="@drawable/ic_baseline_check_circle_24"
    android:textSize="13sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.474"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.417" />

<ImageView
    android:id="@+id/imageView3"
    android:layout_width="369dp"
    android:layout_height="258dp"
    android:layout_marginTop="16dp"
    app:layout_constraintBottom_toBottomOf="@+id/textView"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.006"
    app:srcCompat="@drawable/logo1" />

<androidx.appcompat.widget.AppCompatButton
    android:id="@+id/bb"
    android:layout_width="77dp"
    android:layout_height="26dp"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:layout_marginStart="16dp"
```

```
android:layout_marginLeft="16dp"
android:background="@drawable/btn"
android:text="Back"
android:textColor="@color/white"
android:textSize="13sp"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.042"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.064" />
```

<TextView

```
android:id="@+id/textVieww3"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_alignParentTop="true"
android:layout_centerVertical="true"
android:text="CHANGE PASSWORD"
android:textColor="#9421B3"
android:textSize="28dp"
android:textStyle="bold"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.563"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.518" />
```

<EditText

```
android:id="@+id/oldchange"
android:layout_width="357dp"
android:layout_height="44dp"
android:layout_alignParentTop="true"
android:layout_marginStart="24dp"
android:layout_marginLeft="24dp"
android:layout_marginEnd="24dp"
android:layout_marginRight="24dp"
android:backgroundTint="#6E8894"
android:ems="6"
android:gravity="center_horizontal"
android:hint="Enter old Password"
android:inputType="textPassword"
android:textAlignment="center"
android:textColor="@color/black"
android:textColorHint="#87919E"
android:textSize="15sp"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toEndOf="@+id/textView3"
```



```
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.595" />
```

```
<EditText
    android:id="@+id/change"
    android:layout_width="354dp"
    android:layout_height="46dp"
    android:layout_alignParentTop="true"
    android:layout_marginStart="24dp"
    android:layout_marginLeft="24dp"
    android:layout_marginEnd="28dp"
    android:layout_marginRight="28dp"
    android:backgroundTint="#6E8894"
    android:ems="6"
    android:gravity="center_horizontal"
    android:hint="Enter new Password."
    android:inputType="textPassword"
    android:textAlignment="center"
    android:textColor="@color/black"
    android:textColorHint="#87919E"
    android:textSize="15sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toEndOf="@+id/textView3"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.681" />
```

```
<EditText
    android:id="@+id/cchange"
    android:layout_width="350dp"
    android:layout_height="48dp"
    android:layout_alignParentTop="true"
    android:layout_marginStart="24dp"
    android:layout_marginLeft="24dp"
    android:layout_marginEnd="32dp"
    android:layout_marginRight="32dp"
    android:backgroundTint="#6E8894"
    android:ems="6"
    android:gravity="center_horizontal"
    android:hint="Confirm new Password."
    android:inputType="textPassword"
    android:textAlignment="center"
    android:textColor="@color/black"
    android:textColorHint="#87919E"
    android:textSize="15sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toEndOf="@+id/textView3"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.77" />
```

```

<androidx.appcompat.widget.AppCompatButton
    android:id="@+id/chg"
    android:layout_width="199dp"
    android:layout_height="42dp"
    android:layout_alignParentBottom="true"
    android:layout_centerHorizontal="true"
    android:layout_marginStart="130dp"
    android:layout_marginLeft="130dp"
    android:layout_marginTop="94dp"
    android:layout_marginEnd="119dp"
    android:layout_marginRight="119dp"
    android:layout_marginBottom="100dp"
    android:background="@drawable/btn"
    android:shadowColor="#7CA7A8"
    android:shadowDx="0"
    android:shadowDy="0"
    android:shadowRadius="5"
    android:text="CHANGE"
    android:textColor="@color/white"
    android:textSize="13sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.27"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/password" />
</androidx.constraintlayout.widget.ConstraintLayout>

```

Changepass.java

```

package com.example.sayit;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.EditText;
import android.widget.Toast;
import androidx.appcompat.app.AppCompatActivity;
import androidx.appcompat.widget.AppCompatButton;

public class changepass extends AppCompatActivity {
    AppCompatButton c,bb;
    DBHelper DB;
    EditText old,new1,cnew;
    String p1,n1,n2;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_changepass);
        new1=(EditText)findViewById(R.id.change);
        cnew=(EditText)findViewById(R.id.cchange);
        bb=(AppCompatButton)findViewById(R.id.bb);
    }
}

```

```


c=(AppCompatActivity) findViewById(R.id.chg);
old=(EditText) findViewById(R.id.change);
DB = new DBHelper(this);
c.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        p1=old.getText().toString();
        n1=new1.getText().toString();
        n2=cnew.getText().toString();
        if(p1.equals("")||n1.equals("")||n2.equals("")){
            Toast.makeText(changePass.this, "Kindly fill all the
fields!", Toast.LENGTH_LONG).show();
        }
        else{
            if(n1.equals(n2)) {
                Boolean ch1 = DB.changePassword(Landing.temp, p1);
                if (ch1 == true) {
                    Toast.makeText(changePass.this, "Password Changed Successfully!",
Toast.LENGTH_SHORT).show();
                    Intent i1 = new Intent(changePass.this, Login.class);
                    startActivity(i1);
                }
            }
            else{
                Toast.makeText(changePass.this, "Password and Confirm Password are not
matching", Toast.LENGTH_SHORT).show();
            }
        }
    }
});


bb.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent i=new Intent(getApplicationContext(),Landing.class);
        startActivity(i);
    }
});
}
}

```

Design of Change Password Page

[BACK](#)


STU'S ZONE
The future begins here!



CHANGE PASSWORD

[CHANGE](#)

Delete Account Page

Activity deleteacc.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:background="@color/white"
tools:context=".Deleteacc">

<androidx.appcompat.widget.AppCompatButton
    android:id="@+id/bb2"
    android:layout_width="77dp"
    android:layout_height="74dp"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:layout_marginStart="16dp"
    android:layout_marginLeft="16dp"
    android:background="@drawable/ic_baseline_delete_24"
    android:textSize="13sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.474"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.499" />

<ImageView
    android:id="@+id/imageView3"
    android:layout_width="374dp"
    android:layout_height="294dp"
    android:layout_marginTop="16dp"
    app:layout_constraintBottom_toBottomOf="@+id/textView"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.006"
    app:srcCompat="@drawable/logo1" />

<androidx.appcompat.widget.AppCompatButton
    android:id="@+id/bb"
    android:layout_width="77dp"
    android:layout_height="26dp"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
```

```
android:layout_marginStart="16dp"
android:layout_marginLeft="16dp"
android:background="@drawable/btn"
android:text="Back"
android:textColor="@color/white"
android:textSize="13sp"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.042"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.064" />
```

<TextView

```
android:id="@+id/textVieww3"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_alignParentTop="true"
android:layout_centerVertical="true"
android:text="DELETE ACCOUNT"
android:textColor="#9421B3"
android:textSize="28dp"
android:textStyle="bold"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.563"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.598" />
```

<EditText

```
android:id="@+id/phn"
android:layout_width="350dp"
android:layout_height="48dp"
android:layout_alignParentTop="true"
android:layout_marginStart="24dp"
android:layout_marginLeft="24dp"
android:layout_marginEnd="20dp"
android:layout_marginRight="20dp"
android:backgroundTint="#6E8894"
android:ems="6"
android:gravity="center_horizontal"
android:hint="Enter Phone number"
android:inputType="textPassword"
android:textAlignment="center"
android:textColor="@color/black"
android:textColorHint="#87919E"
android:textSize="15sp"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
```

```

        app:layout_constraintStart_toEndOf="@+id/textView3"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.674" />

<androidx.appcompat.widget.AppCompatButton
    android:id="@+id/delete"
    android:layout_width="199dp"
    android:layout_height="42dp"
    android:layout_alignParentBottom="true"
    android:layout_centerHorizontal="true"
    android:layout_marginStart="130dp"
    android:layout_marginLeft="130dp"
    android:layout_marginTop="94dp"
    android:layout_marginEnd="119dp"
    android:layout_marginRight="119dp"
    android:layout_marginBottom="156dp"
    android:background="@drawable/btn"
    android:shadowColor="#7CA7A8"
    android:shadowDx="0"
    android:shadowDy="0"
    android:shadowRadius="5"
    android:text="DELETE"
    android:textColor="@color/white"
    android:textSize="13sp"
    android:textStyle="bold"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.351"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/password" />
</androidx.constraintlayout.widget.ConstraintLayout>

```

DeleteAcc.java

```

package com.example.sayit;
import android.app.AlertDialog;
import android.content.DialogInterface;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;
import androidx.appcompat.app.AppCompatActivity;
public class Deleteacc extends AppCompatActivity {
    EditText ed1;
    Button b1,b2;
    DBHelper db;
    AlertDialog.Builder ab;
    @Override
    protected void onCreate(Bundle savedInstanceState) {

```

```


super.onCreate(savedInstanceState);
setContentView(R.layout.activity_deleteacc);
ed1=(EditText)findViewById(R.id.phn);
db=new DBHelper(this);
ab=new AlertDialog.Builder(this);
b1=(Button)findViewById(R.id.delete);
b2=(Button)findViewById(R.id.bb);
b2.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent i=new Intent>Deleteacc.this,Settings.class);
        startActivity(i);
    }
});
b1.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        String phone=ed1.getText().toString();
        Boolean del=db.deleteacc(phone);
        if(del==true){
            ab.setMessage(R.string.dialog_message).setTitle(R.string.dialog_title);
            ab.setMessage("Do you want to delete your
account?").setCancelable(false).setPositiveButton("Yes", new
DialogInterface.OnClickListener() {
                @Override
                public void onClick(DialogInterface dialog, int which) {
                    finish();
                    Toast.makeText>Deleteacc.this,"Your Account is
Deleted",Toast.LENGTH_LONG).show();
                    Intent i=new Intent>Deleteacc.this,Login.class);
                    startActivity(i);
                }
            }).setNegativeButton("Cancel", new DialogInterface.OnClickListener() {
                @Override
                public void onClick(DialogInterface dialog, int which) {
                    dialog.cancel();
                    Toast.makeText>Deleteacc.this,"Your Account is not
Deleted",Toast.LENGTH_LONG).show();
                }
            });
            AlertDialog alert=ab.create();
            ab.setTitle("Hey wait a second!");
            ab.show();
        }

    }
});
}
}


```


Design of Delete Account Page

[BACK](#)



STU'S ZONE
The future begins here!



DELETE ACCOUNT

Enter Phone number

[DELETE](#)

Feedback Page (done using fragments)

fragment first feedback.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"
    tools:context=".FirstFragment_feedback"
    android:background="@color/white">

    <ImageView
        android:id="@+id/imageView2"
        android:layout_width="match_parent"
        android:layout_height="304dp"
        android:layout_alignParentStart="true"
        android:layout_alignParentLeft="true"
        android:layout_alignParentTop="true"
        android:layout_alignParentEnd="true"
        android:layout_alignParentRight="true"
        android:layout_marginStart="0dp"
        android:layout_marginLeft="0dp"
        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"
        app:layout_constraintVertical_bias="0.0"
        app:srcCompat="@drawable/logo1" />

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentEnd="true"
        android:layout_alignParentRight="true"
        android:layout_alignParentBottom="true"
        android:layout_marginEnd="64dp"
        android:layout_marginRight="64dp"
        android:layout_marginBottom="360dp"
        android:text="Provide us with feedback"
        android:textColor="#9421B3"
        android:textSize="25dp"
        android:textStyle="bold" />

    <androidx.appcompat.widget.AppCompatButton
        android:id="@+id/btn1"
        android:layout_width="133dp"
        android:layout_height="43dp"
        android:layout_alignParentEnd="true"
```

```

        android:layout_alignParentRight="true"
        android:layout_alignParentBottom="true"
        android:layout_marginEnd="145dp"
        android:layout_marginRight="145dp"
        android:layout_marginBottom="233dp"
        android:background="@drawable/btn"
        android:text="SUBMIT"
        android:textColor="@color/white"
        android:textSize="13dp"
        android:textStyle="bold" />

```

```

<RatingBar
    android:id="@+id/star"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:layout_marginEnd="87dp"
    android:layout_marginRight="87dp"
    android:layout_marginBottom="288dp" />

```

```

<TextView
    android:id="@+id/textView11"
    android:layout_width="235dp"
    android:layout_height="29dp"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:layout_marginEnd="69dp"
    android:layout_marginRight="69dp"
    android:layout_marginBottom="22dp"
    android:text="A tradition of excellence and pride"
    android:textColor="#D81B60"
    android:textSize="13dp"
    android:textStyle="italic"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.527"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.977" />

```

```

</RelativeLayout>

```

FirstFragment feedback.java

```

package com.example.sayit;

```

```

import android.content.Intent;
import android.os.Bundle;
import android.view.LayoutInflater;

```

```

import android.view.View;
import android.view.ViewGroup;
import android.widget.Button;

import androidx.fragment.app.Fragment;

/**
 * A simple {@link Fragment} subclass.
 * Use the {@link FirstFragment_feedback#newInstance} factory method to
 * create an instance of this fragment.
 */
public class FirstFragment_feedback extends Fragment {
    Button b;
    // TODO: Rename parameter arguments, choose names that match
    // the fragment initialization parameters, e.g. ARG_ITEM_NUMBER
    private static final String ARG_PARAM1 = "param1";
    private static final String ARG_PARAM2 = "param2";

    // TODO: Rename and change types of parameters
    private String mParam1;
    private String mParam2;

    public FirstFragment_feedback() {
        // Required empty public constructor
    }

    /**
     * Use this factory method to create a new instance of
     * this fragment using the provided parameters.
     *
     * @param param1 Parameter 1.
     * @param param2 Parameter 2.
     * @return A new instance of fragment FirstFragment_feedback.
     */
    // TODO: Rename and change types and number of parameters
    public static FirstFragment_feedback newInstance(String param1, String param2) {
        FirstFragment_feedback fragment = new FirstFragment_feedback();
        Bundle args = new Bundle();
        args.putString(ARG_PARAM1, param1);
        args.putString(ARG_PARAM2, param2);
        fragment.setArguments(args);
        return fragment;
    }

    @Override
    public void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        if (getArguments() != null) {
            mParam1 = getArguments().getString(ARG_PARAM1);
            mParam2 = getArguments().getString(ARG_PARAM2);
        }
    }
}

```

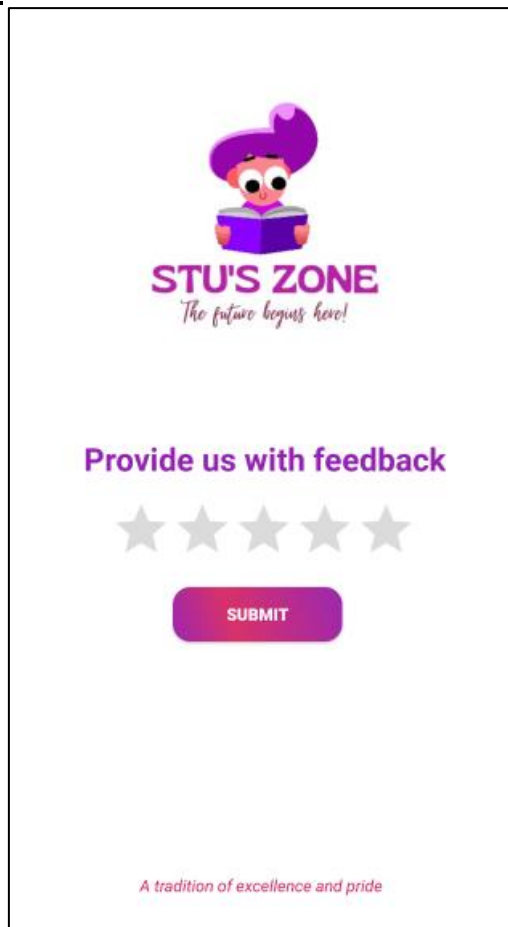
```

    }
}

@Override
public View onCreateView(LayoutInflater inflater, ViewGroup container,
    Bundle savedInstanceState) {
    // Inflate the layout for this fragment
    View v= inflater.inflate(R.layout.fragment_first_feedback, container, false);
    b=v.findViewById(R.id.btn1);
    b.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            startActivity(new Intent(getActivity(),Thankyou.class));
        }
    });
    return v;
}
}

```

Design of Feedback Page



Activity_thankyou.xml

```

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

```

```
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"
tools:context=".Thankyou"
android:background="@color/white">
```

```
<ImageView
    android:id="@+id/imageView3"
    android:layout_width="match_parent"
    android:layout_height="309dp"
    android:layout_marginTop="16dp"
    app:layout_constraintBottom_toBottomOf="@+id/textView"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.006"
    app:srcCompat="@drawable/logo1" />
```

```
<androidx.cardview.widget.CardView
    android:id="@+id/cid"
    android:layout_width="336dp"
    android:layout_height="315dp"
    android:layout_row="0"
    android:layout_rowWeight="1"
    android:layout_column="0"
    android:layout_columnWeight="1"

    android:layout_alignParentStart="true"
    android:layout_alignParentLeft="true"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:layout_gravity="fill"
    android:layout_marginStart="37dp"
    android:layout_marginLeft="37dp"
    android:layout_marginEnd="38dp"
    android:layout_marginRight="38dp"
    android:layout_marginBottom="68dp"
    android:background="#FDCB35"
    app:cardBackgroundColor="@color/white"
    app:cardCornerRadius="8dp"
    app:cardElevation="8dp">
```

```
<LinearLayout
    android:layout_width="251dp"
    android:layout_height="230dp"
    android:layout_gravity="center_vertical|center_horizontal"
    android:gravity="center"
    android:orientation="vertical">
```

```

<ImageView
    android:layout_width="87dp"
    android:layout_height="76dp"
    android:src="@drawable/ic_baseline_check_circle_24" />

<TextView
    android:layout_width="256dp"
    android:layout_height="wrap_content"
    android:gravity="center"
    android:text="Thankyou for your feedback.It means alot to us."
    android:textColor="#9421B3"
    android:textSize="25dp"
    android:textStyle="bold" />
</LinearLayout>
</androidx.cardview.widget.CardView>
</RelativeLayout>

```

Thankyou.java

```

package com.example.sayit;
import android.os.Bundle;
import androidx.appcompat.app.AppCompatActivity;
public class Thankyou extends AppCompatActivity {
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_thankyou);
    }
}

```

Activity main feedback.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:id="@+id/minLayout"
    tools:context=".MainActivity_feedback">

</androidx.constraintlayout.widget.ConstraintLayout>

```

MainActivity_feedback.java

```

package com.example.sayit;
import android.os.Bundle;
import androidx.appcompat.app.AppCompatActivity;
import androidx.fragment.app.FragmentManager;

public class MainActivity_feedback extends AppCompatActivity {

```

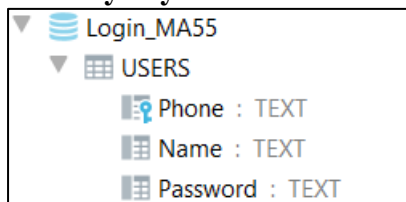
@Override

```
protected void onCreate(Bundle savedInstanceState) {  
    super.onCreate(savedInstanceState);  
    setContentView(R.layout.activity_main_feedback);  
    FirstFragment_feedback fragment_feedback=new FirstFragment_feedback();  
    FragmentManager manager=getSupportFragmentManager();  
    manager.beginTransaction().add(R.id.minLayout,fragment_feedback).commit();  
}  
}
```

Databases

1)SignUp form DB and values

Primary key - Phone

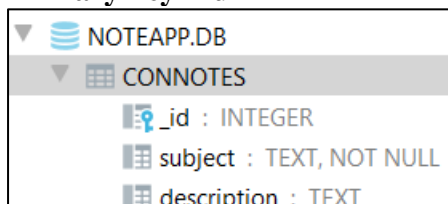


▼	Login_MA55
▼	USERS
	Phone : TEXT
	Name : TEXT
	Password : TEXT

	Phone	Name	Password
1	0987654321	Yu	df
2	2468101214	jl	p
3	9	h	j
4	9884059970	Angeline Shruthi	gh

2)Evernote DB

Primary key - id



▼	NOTEAPP.DB
▼	CONNOTES
	_id : INTEGER
	subject : TEXT, NOT NULL
	description : TEXT

	_id	subject	description
1	10	MY FAMILY	My Appa viniMy Amma bibiMe Shruthi
2	11	BCA subjects 2018 to 2021	C programmingData Structures and AlgorithmsAndroid programming

Drawable files

Btn.xml

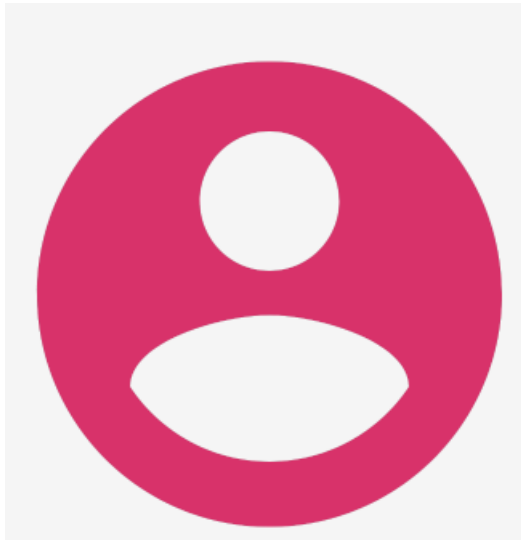
```
<?xml version="1.0" encoding="utf-8"?>
<shape xmlns:android="http://schemas.android.com/apk/res/android">
    <corners
        android:radius="14dp"
    />
    <gradient
        android:angle="45"
        android:centerX="35%"
        android:centerColor="#D8326A"
        android:startColor="#9C27B0"
        android:endColor="#9C27B0"
        android:type="linear"
    />
    <padding
        android:left="0dp"
        android:top="0dp"
        android:right="0dp"
        android:bottom="0dp"
    />
    <size
        android:width="270dp"
        android:height="60dp"
    />
</shape>
```



Ic baseline account circle 24.xml

```
<vector android:height="24dp" android:tint="#D8326A"
    android:viewportHeight="24" android:viewportWidth="24"
    android:width="24dp" xmlns:android="http://schemas.android.com/apk/res/android">
    <path android:fillColor="@android:color/white" android:pathData="M12,2C6.48,2 2,6.48
2,12s4.48,10 10,10 10,-4.48 10,-10S17.52,2 12,2zM12,5c1.66,0 3,1.34 3,3s-1.34,3 -3,3-
1.34 -3,-3 1.34,-3 3,-3zM12,19.2c-2.5,0 -4.71,-1.28 -6,-3.22 0.03,-1.99 4,-3.08 6,-3.08 1.99,0
```

```
5.97,1.09 6,3.08 -1.29,1.94 -3.5,3.22 -6,3.22z"/>
</vector>
```



Ic baseline admin panel settings 24.xml

```
<vector android:height="24dp" android:tint="#D8326A"
  android:viewportHeight="24" android:viewportWidth="24"
  android:width="24dp" xmlns:android="http://schemas.android.com/apk/res/android">
  <path android:fillColor="@android:color/white" android:pathData="M17,11c0.34,0
0.67,0.04 1,0.09V6.27L10.5,3L3,6.27v4.91c0,4.54 3.2,8.79 7.5,9.82c0.55,-0.13 1.08,-0.32
1.6,-0.55C11.41,19.47 11,18.28 11,17C11,13.69 13.69,11 17,11z"/>
  <path android:fillColor="@android:color/white" android:pathData="M17,13c-2.21,0 -
4,1.79 -4,4c0,2.21 1.79,4 4,4s4,-1.79 4,-4C21,14.79 19.21,13 17,13zM17,14.38c0.62,0
1.12,0.51 1.12,1.12s-0.51,1.12 -1.12,1.12s-1.12,-0.51 -1.12,-1.12S16.38,14.38
17,14.38zM17,19.75c-0.93,0 -1.74,-0.46 -2.24,-1.17c0.05,-0.72 1.51,-1.08 2.24,-
1.08s2.19,0.36 2.24,1.08C18.74,19.29 17.93,19.75 17,19.75z"/>
</vector>
```



Ic baseline assignment 24.xml

```
<vector android:height="50dp" android:tint="#D8326A"
  android:viewportHeight="24" android:viewportWidth="24"
  android:width="50dp" xmlns:android="http://schemas.android.com/apk/res/android">
  <path android:fillColor="@android:color/white" android:pathData="M19,3h-
4.18C14.4,1.84 13.3,1 12,1c-1.3,0 -2.4,0.84 -2.82,2L5,3c-1.1,0 -2,0.9 -2,2v14c0,1.1 0.9,2
```

```

2,2h14c1.1,0 2,-0.9 2,-2L21,5c0,-1.1 -0.9,-2 -2,-2zM12,3c0.55,0 1,0.45 1,1s-0.45,1 -1,1 -1,-
0.45 -1,-1 0.45,-1 1,-1zM14,17L7,17v-2h7v2zM17,13L7,13v-
2h10v2zM17,9L7,9L7,7h10v2z"/>
</vector>

```

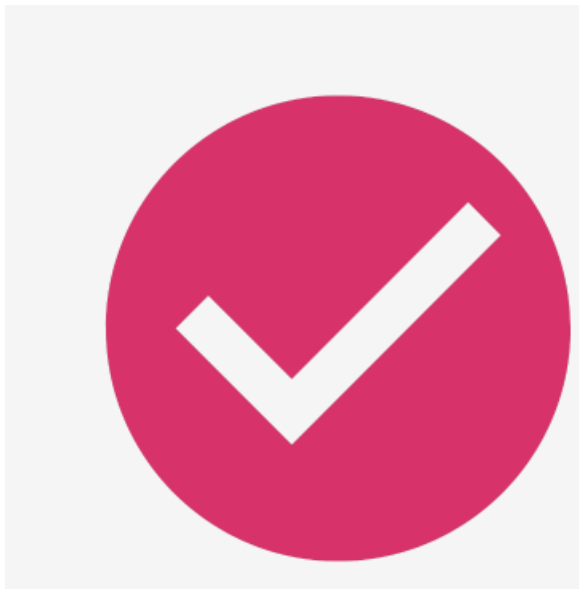


Ic baseline check circle 24.xml

```

<vector android:height="50dp" android:tint="#D8326A"
    android:viewportHeight="24" android:viewportWidth="24"
    android:width="50dp" xmlns:android="http://schemas.android.com/apk/res/android">
    <path android:fillColor="@android:color/white" android:pathData="M12,2C6.48,2 2,6.48
2,12s4.48,10 10,10 10,-4.48 10,-10S17.52,2 12,2zM10,17l-5,-5 1.41,-1.41L10,14.17l7.59,-
7.59L19,8l-9,9z"/>
</vector>

```



Ic baseline delete 24.xml

```

<vector android:height="24dp" android:tint="#D8326A"
    android:viewportHeight="24" android:viewportWidth="24"
    android:width="24dp" xmlns:android="http://schemas.android.com/apk/res/android">
    <path android:fillColor="@android:color/white" android:pathData="M6,19c0,1.1 0.9,2

```

```
2,2h8c1.1,0 2,-0.9 2,-2V7H6v12zM19,4h-3.5l-1,-1h-5l-1,1H5v2h14V4z"/>
</vector>
```



Ic_baseline_notifications_active 24.xml

```
<vector android:height="24dp" android:tint="#D8326A"
    android:viewportHeight="24" android:viewportWidth="24"
    android:width="24dp" xmlns:android="http://schemas.android.com/apk/res/android">
    <path android:fillColor="@android:color/white"
        android:pathData="M7.58,4.08L6.15,2.65C3.75,4.48 2.17,7.3 2.03,10.5h2c0.15,-2.65 1.51,-
        4.97 3.55,-6.42zM19.97,10.5h2c-0.15,-3.2 -1.73,-6.02 -4.12,-7.85l-1.42,1.43c2.02,1.45
        3.39,3.77 3.54,6.42zM18,11c0,-3.07 -1.64,-5.64 -4.5,-6.32L13.5,4c0,-0.83 -0.67,-1.5 -1.5,-
        1.5s-1.5,0.67 -1.5,1.5v0.68C7.63,5.36 6,7.92 6,11v5l-2,2v1h16v-1l-2,-2v-5zM12,22c0.14,0
        0.27,-0.01 0.4,-0.04 0.65,-0.14 1.18,-0.58 1.44,-1.18 0.1,-0.24 0.15,-0.5 0.15,-0.78h-
        4c0.01,1.1 0.9,2 2.01,2z"/>
</vector>
```



Ic_baseline_volume_off 24.xml

```
<vector android:height="50dp" android:tint="#D8326A"
    android:viewportHeight="24" android:viewportWidth="24"
    android:width="50dp" xmlns:android="http://schemas.android.com/apk/res/android">
    <path android:fillColor="@android:color/white" android:pathData="M16.5,12c0,-1.77 -
```

```
1.02,-3.29 -2.5,-4.03v2.21l2.45,2.45c0.03,-0.2 0.05,-0.41 0.05,-0.63zM19,12c0,0.94 -0.2,1.82
-0.54,2.64l1.51,1.51C20.63,14.91 21,13.5 21,12c0,-4.28 -2.99,-7.86 -7,-8.77v2.06c2.89,0.86
5,3.54 5,6.71zM4.27,3L3,4.27 7.73,9L3,9v6h4l5,5v-6.73l4.25,4.25c-0.67,0.52 -1.42,0.93 -
2.25,1.18v2.06c1.38,-0.31 2.63,-0.95 3.69,-1.81L19.73,21 21,19.73l-9,-
9L4.27,3zM12,4L9.91,6.09 12,8.18L12,4z"/>
</vector>
```



Ic baseline volume up 24.xml

```
<vector android:height="50dp" android:tint="#D8326A"
  android:viewportHeight="24" android:viewportWidth="24"
  android:width="50dp" xmlns:android="http://schemas.android.com/apk/res/android">
  <path android:fillColor="@android:color/white"
    android:pathData="M3,9v6h4l5,5L12,4L7,9L3,9zM16.5,12c0,-1.77 -1.02,-3.29 -2.5,-
4.03v8.05c1.48,-0.73 2.5,-2.25 2.5,-4.02zM14,3.23v2.06c2.89,0.86 5,3.54 5,6.71s-2.11,5.85 -
5,6.71v2.06c4.01,-0.91 7,-4.49 7,-8.77s-2.99,-7.86 -7,-8.77z"/>
</vector>
```



AndroidManifest.xml

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

  <application
    android:allowBackup="true"
```

```

        android:icon="@drawable/logo1"
        android:label="@string/app_name"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true"
        android:theme="@style/Theme.SayIt">
        <activity android:name=".Thankyou"
android:theme="@style/Theme.AppCompat.Light.NoActionBar"></activity>
        <activity android:name=".MainActivity_feedback"
android:theme="@style/Theme.AppCompat.Light.NoActionBar"/>

        <activity android:name=".Deleteacc"
android:theme="@style/Theme.AppCompat.Light.NoActionBar"/>
        <activity android:name=".Settings"
android:theme="@style/Theme.AppCompat.Light.NoActionBar"/>
        <activity android:name=".Modify"
android:theme="@style/Theme.AppCompat.Light.NoActionBar"/>
        <activity android:name=".AddActivity"
android:theme="@style/Theme.AppCompat.Light.NoActionBar"/>
        <activity android:name=".Notesapp" />

        <activity android:name=".Landing"
android:theme="@style/Theme.AppCompat.Light.NoActionBar"/>
        <activity android:name=".changepass"
android:theme="@style/Theme.AppCompat.Light.NoActionBar"/>

        <activity android:name=".SignUp"
        android:theme="@style/Theme.AppCompat.Light.NoActionBar"/>
        <activity android:name=".Login"
        android:theme="@style/Theme.AppCompat.Light.NoActionBar"/>
        <activity android:name=".MainActivity"
        android:theme="@style/Theme.AppCompat.Light.NoActionBar"/>
        <activity android:name=".SpalshScreen"
        android:theme="@style/Theme.AppCompat.Light.NoActionBar">
        <intent-filter>
            <action android:name="android.intent.action.MAIN" />

            <category android:name="android.intent.category.LAUNCHER" />
        </intent-filter>
        </activity>
    </application>
</manifest>

```

Build.gradle(Module)

// Top-level build file where you can add configuration options common to all sub-projects/modules.

```

buildscript {
    repositories {
        google()
        jcenter()
    }
}

```

```

    }

    dependencies {
        classpath "com.android.tools.build:gradle:4.1.2"

        // NOTE: Do not place your application dependencies here; they belong
        // in the individual module build.gradle files
    }
}

```

```

allprojects {
    repositories {

        google()
        jcenter()

    }
}

```

```

task clean(type: Delete) {
    delete rootProject.buildDir
}

```

Build.gradle(app)

```

plugins {
    id 'com.android.application'
}

```

```

android {
    compileSdkVersion 30
    buildToolsVersion "30.0.3"

```

```

    defaultConfig {
        applicationId "com.example.sayit"
        minSdkVersion 16
        targetSdkVersion 30
        versionCode 1
        versionName "1.0"

```

```

        testInstrumentationRunner "androidx.test.runner.AndroidJUnitRunner"
    }

```

```

    buildTypes {
        release {
            minifyEnabled false
            proguardFiles getDefaultProguardFile('proguard-android-optimize.txt'), 'proguard-
rules.pro'
        }
    }
    compileOptions {

```

```
        sourceCompatibility JavaVersion.VERSION_1_8
        targetCompatibility JavaVersion.VERSION_1_8
    }
}

dependencies {
    //noinspection GradleCompatible
    implementation 'com.android.support.design:25.3.1'

    implementation 'androidx.appcompat:appcompat:1.2.0'
    implementation 'com.google.android.material:material:1.3.0'
    implementation 'androidx.constraintlayout:constraintlayout:2.0.4'
    implementation 'androidx.navigation:navigation-fragment:2.2.2'
    implementation 'androidx.navigation:navigation-ui:2.2.2'
    implementation 'androidx.lifecycle:lifecycle-livedata-ktx:2.2.0'
    implementation 'androidx.lifecycle:lifecycle-viewmodel-ktx:2.2.0'
    implementation 'androidx.legacy:legacy-support-v4:1.0.0'
    testImplementation 'junit:junit:4.+'
    androidTestImplementation 'androidx.test.ext:junit:1.1.2'
    androidTestImplementation 'androidx.test.espresso:espresso-core:3.3.0'
}
```

***** THANKYOU *****