# Assignment # 3

### This doc consists of 4 different Activities :

#### **Sign Up Activity (consists of 2 fragments)**

#### **Log In Activity**

#### **Continue Activity ( A complete fragment part of Screen3)**

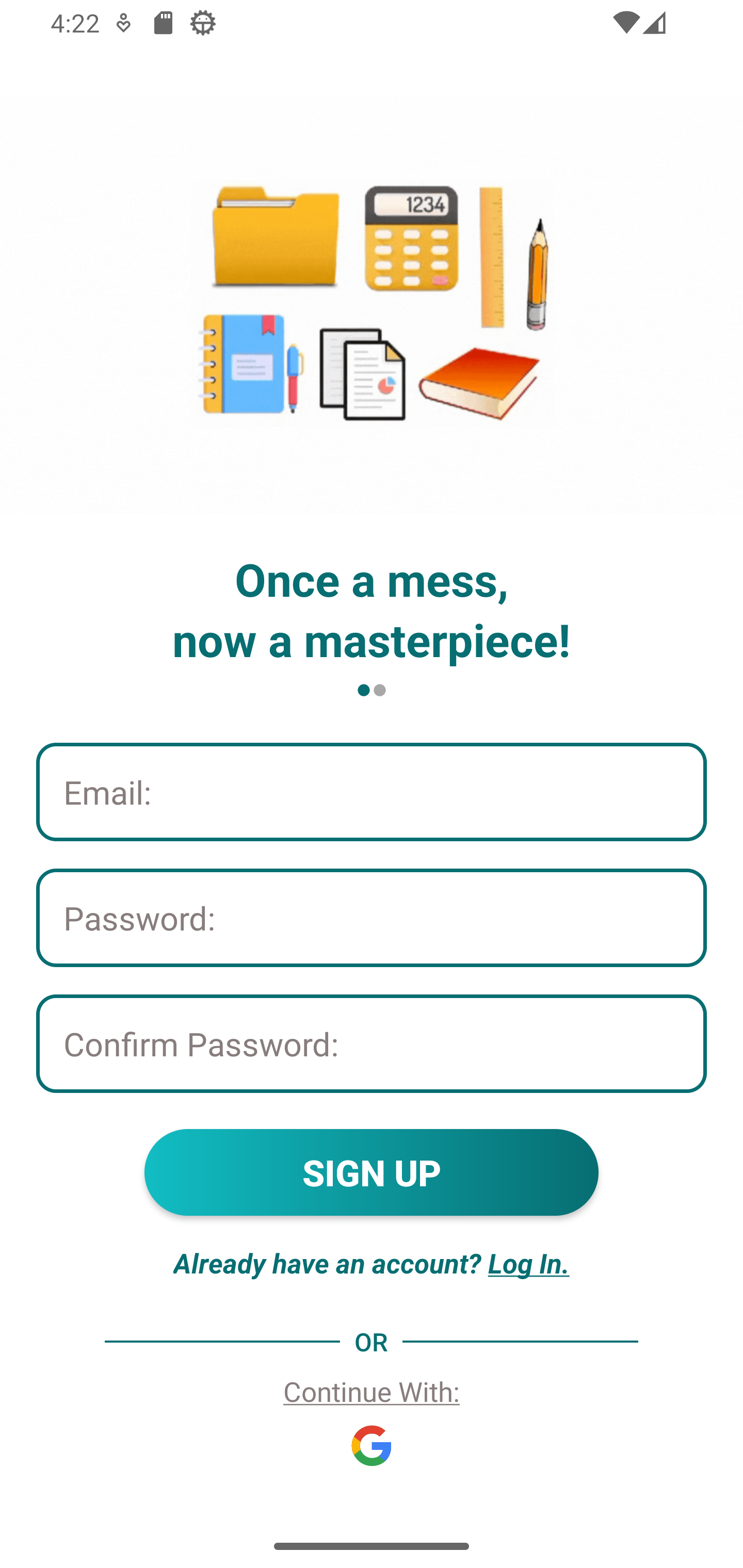
#### **App Launch Activity( A complete fragment part of Screen3)**

* **Screen 4**

## Sign Up Screen:

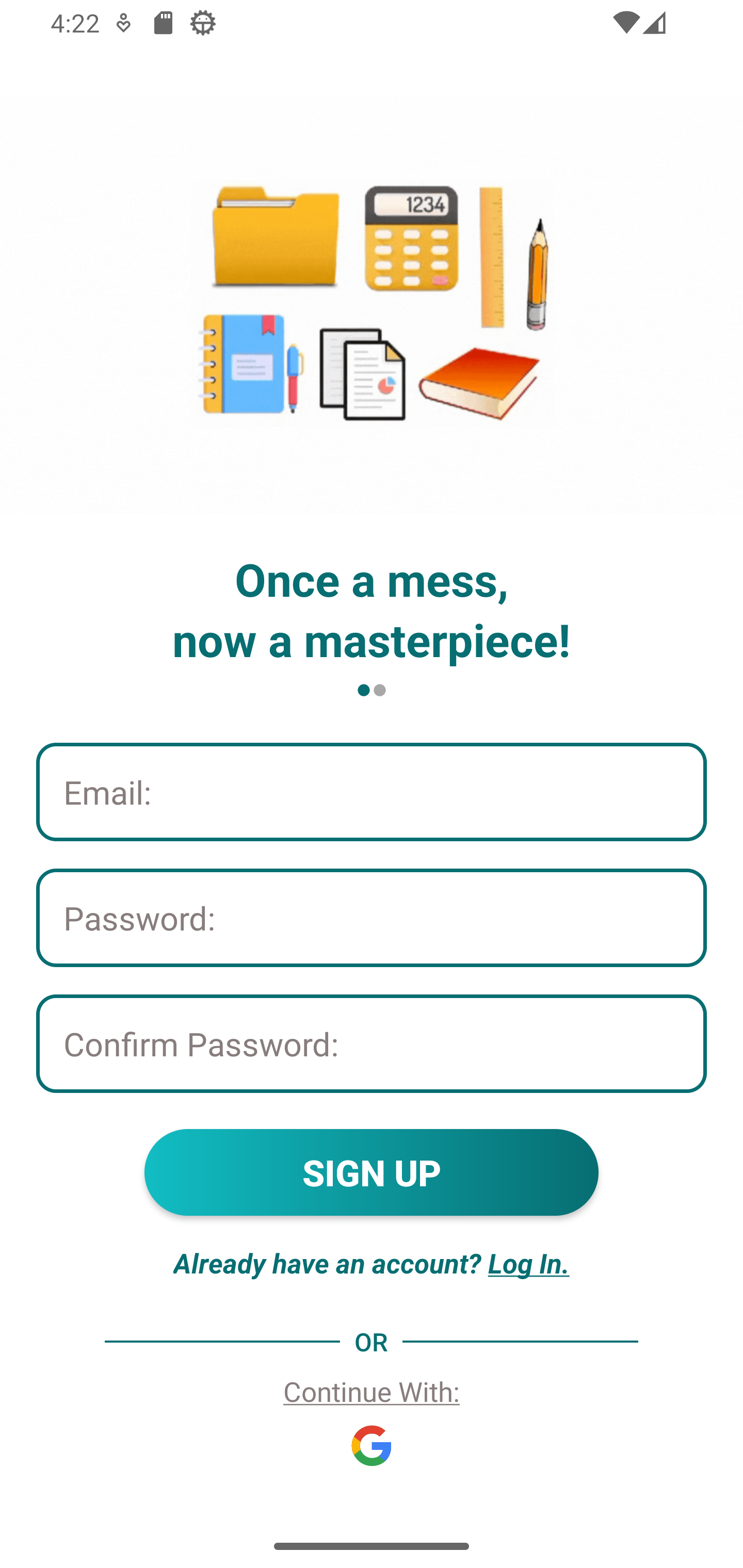
#### XML Code:(Main Sign Up Screen)

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:id="@+id/main"  
 android:paddingTop="30dp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@color/white"  
 android:orientation="vertical"  
 tools:context=".MainActivity"  
 android:weightSum="3"  
 >  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="0dp"  
 android:layout\_weight="2.75"  
 >  
  
 <androidx.viewpager.widget.ViewPager  
 android:id="@+id/pageslider"  
 android:contentDescription="Content Slider"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"/>  
  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:id="@+id/dotsLayout"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 android:gravity="center"  
 android:layout\_marginTop="0dp"  
 android:layout\_marginBottom="20dp">  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1.75"  
 android:orientation="vertical"  
 >  
 <EditText  
 android:id="@+id/emailinput"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:background="@drawable/inputtext"  
 android:padding="15dp"  
 android:inputType="textEmailAddress"  
 android:layout\_marginBottom="0dp"  
 android:layout\_marginStart="20dp"  
 android:layout\_marginEnd="20dp"  
 android:textColorHint="#887d7d"  
 android:hint="@string/input1text"  
 android:textColor="#FC4D8580" />  
  
 <EditText  
 android:id="@+id/passwordinput"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:background="@drawable/inputtext"  
 android:padding="15dp"  
 android:inputType="textPassword"  
 android:layout\_marginTop="15dp"  
 android:layout\_marginBottom="0dp"  
 android:layout\_marginStart="20dp"  
 android:layout\_marginEnd="20dp"  
 android:textColorHint="#887d7d"  
 android:hint="@string/passwordText"  
 android:textColor="#FC4D8580" />  
 <EditText  
 android:id="@+id/passwordinput2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:background="@drawable/inputtext"  
 android:padding="15dp"  
 android:inputType="textPassword"  
 android:layout\_marginTop="15dp"  
 android:layout\_marginBottom="0dp"  
 android:layout\_marginStart="20dp"  
 android:layout\_marginEnd="20dp"  
 android:textColorHint="#887d7d"  
 android:hint="@string/passwordConfirmationText"  
 android:textColor="#FC4D8580" />  
  
<Button  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@drawable/buttons"  
 android:text="Sign Up"  
 android:id="@+id/signUp"  
 android:onClick="continueFunction"  
 android:textColor="@color/white"  
 android:textStyle="bold"  
 android:layout\_marginTop="20dp"  
 android:layout\_marginStart="80dp"  
 android:layout\_marginEnd="80dp"  
 android:textSize="20sp"  
 />  
<TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/signUpScreenText"  
 android:background="?attr/selectableItemBackground"  
 android:onClick="continueFunction"  
 android:textSize="15sp"  
 android:textStyle="bold"  
 android:textColor="#076e72"  
 android:padding="16dp"  
 android:layout\_gravity="center\_horizontal"  
 />  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 android:gravity="center\_vertical"  
 android:layout\_marginStart="50dp"  
 android:layout\_marginEnd="50dp"  
 android:padding="8dp">  
   
 <View  
 android:layout\_width="0dp"  
 android:layout\_height="1dp"  
 android:layout\_weight="1"  
 android:background="#076e72" />  
  
   
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="OR"  
 android:textColor="#076e72"  
 android:paddingHorizontal="8dp"  
 android:textSize="14sp"  
 android:fontFamily="sans-serif-medium" />  
  
   
 <View  
 android:layout\_width="0dp"  
 android:layout\_height="1dp"  
 android:layout\_weight="1"  
 android:background="#076e72" />  
  
 </LinearLayout>  
<TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/ContinueWith"  
 android:textColor="#887d7d"  
 android:textStyle="normal"  
 android:textSize="15sp"  
 android:layout\_gravity="center\_horizontal"  
 />  
 <ImageView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:src="@drawable/baseline\_google\_24"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="8dp"  
 />  
 </LinearLayout>  
</LinearLayout>



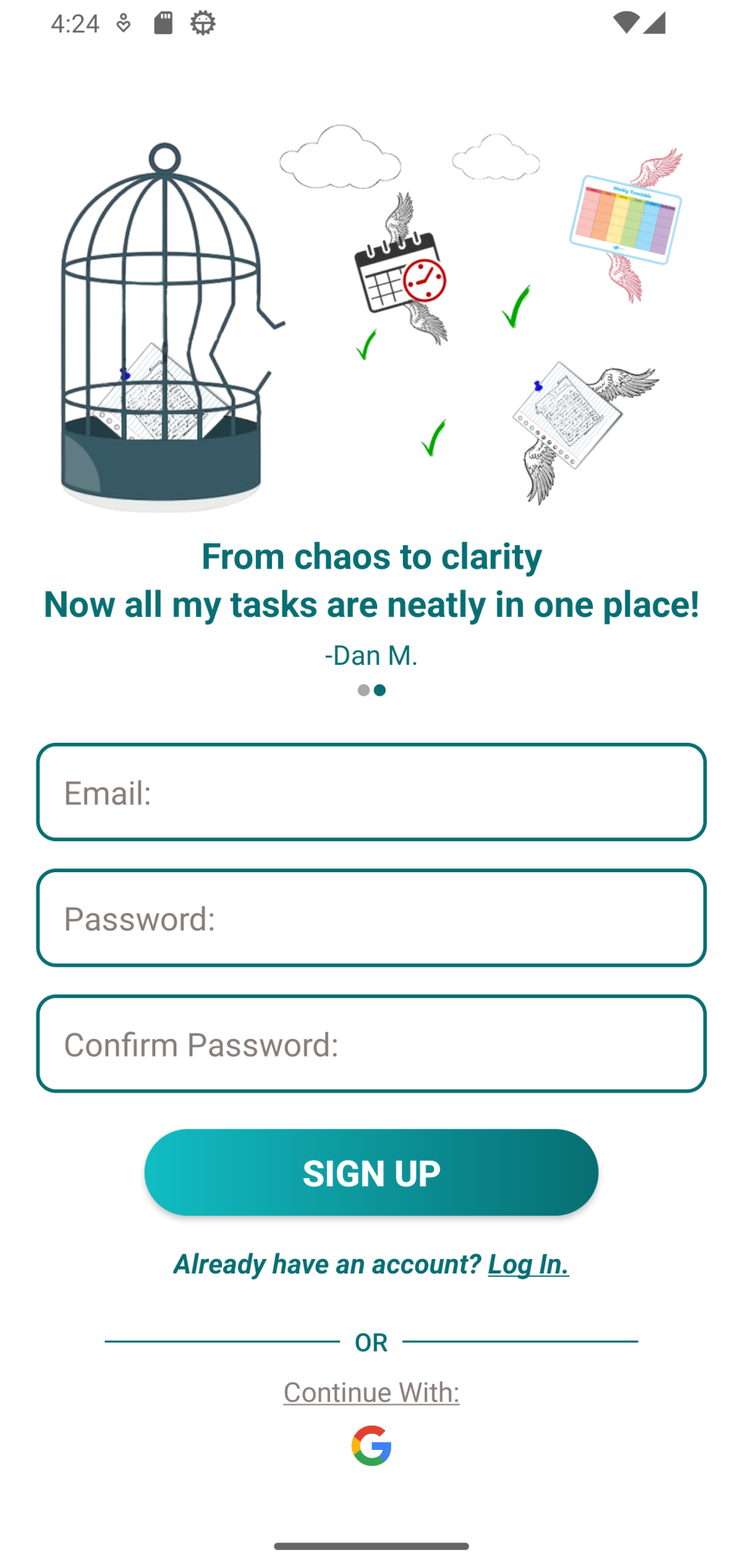
#### XML Code:(Fragment 1 Sign Up Screen):

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@color/white"  
 android:orientation="vertical"  
 android:paddingTop="20dp"  
 tools:context=".StartingFragment">  
  
 <!-- *TODO: Update blank fragment layout* -->  
 <ImageView  
 android:layout\_width="match\_parent"  
 android:layout\_height="250dp"  
 android:id="@+id/vid1"  
 />  
<TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="@string/videoText1"  
 android:textColor="@color/teal"  
 android:gravity="center\_horizontal"  
 android:paddingTop="10dp"  
 android:textSize="25sp"  
 android:textStyle="bold"  
 />  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="@string/videoText2"  
 android:textColor="@color/teal"  
 android:gravity="center\_horizontal"  
 android:paddingTop="0dp"  
 android:textSize="25sp"  
 android:textStyle="bold"  
 />  
</LinearLayout>



#### XML Code:(Fragment 2 Sign Up Screen):

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical"  
 android:paddingTop="20dp"  
 android:background="@color/white"  
 tools:context=".FirstImageFragment">  
  
 <!-- *TODO: Update blank fragment layout* -->  
  
 <ImageView  
 android:id="@+id/img1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="250dp"  
 android:contentDescription="@string/todo"  
 android:paddingTop="20dp"  
 android:paddingLeft="20dp"  
 android:paddingRight="20dp"  
 android:paddingBottom="10dp"  
 android:src="@drawable/img" />  
  
 <!-- TextView below ImageView -->  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="@string/text2"  
 android:gravity="center\_horizontal"  
 android:textStyle="bold"  
 android:textSize="20sp"  
 android:id="@+id/text1"  
 android:textColor="@color/teal"  
 />  
  
 <!-- Another TextView below the first TextView -->  
 <TextView  
 android:id="@+id/text2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="@string/text1"  
 android:gravity="center\_horizontal"  
 android:textStyle="bold"  
 android:textSize="20sp"  
 android:textColor="@color/teal"  
 />  
  
 <!-- TextView below the second TextView -->  
 <TextView  
 android:id="@+id/text3"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="@string/dan\_m"  
 android:paddingTop="5dp"  
 android:textColor="@color/teal"  
 android:gravity="center\_horizontal"  
 android:textStyle="normal"  
 android:textSize="15sp" />  
  
  
  
  
</LinearLayout>



#### Java Code:(Main Sign Up Screen):

package com.example.todoistappclone;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.LinearLayout;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import androidx.activity.EdgeToEdge;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.core.graphics.Insets;  
import androidx.core.view.ViewCompat;  
import androidx.core.view.WindowInsetsCompat;  
import androidx.viewpager.widget.ViewPager;  
  
public class MainActivity extends AppCompatActivity {  
 private LinearLayout dotsLayout;  
  
 private void addDots(int currentPage) {  
 dotsLayout.removeAllViews();  
 TextView[] dots = new TextView[2];  
  
 for (int i = 0; i < dots.length; i++) {  
 dots[i] = new TextView(this);  
 dots[i].setText("●");  
 dots[i].setTextSize(15);  
 dots[i].setTextColor(getResources().getColor(R.color.*gray*));  
 dotsLayout.addView(dots[i]);  
 }  
  
  
 dots[currentPage].setTextColor(getResources().getColor(R.color.*teal*)); // Active color  
 }  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 EdgeToEdge.*enable*(this);  
 setContentView(R.layout.*activity\_main*);  
 ViewPager viewPager = findViewById(R.id.*pageslider*);  
 dotsLayout=findViewById(R.id.*dotsLayout*);  
 Button signUpButton=findViewById(R.id.*signUp*);  
 EditText email=findViewById(R.id.*emailinput*);  
 EditText password=findViewById(R.id.*passwordinput*);  
 EditText confirmPassword=findViewById(R.id.*passwordinput2*);  
 signUpButton.setOnClickListener(new View.OnClickListener(){  
  
 @Override  
 public void onClick(View view) {  
 final String getEmail=email.getText().toString().trim();  
 final String getPassword=password.getText().toString().trim();  
 final String getFinalPassword=confirmPassword.getText().toString().trim();  
 if (getEmail.isEmpty()) {  
 email.setError("Email cannot be empty");  
 email.requestFocus();  
 return;  
 }  
 if (!android.util.Patterns.*EMAIL\_ADDRESS*.matcher(getEmail).matches()) {  
 email.setError("Enter a valid email address");  
 email.requestFocus();  
 return;  
 }  
 if (getPassword.isEmpty()) {  
 password.setError("Password cannot be empty");  
 password.requestFocus();  
 return;  
 }  
 if (getFinalPassword.isEmpty()) {  
 confirmPassword.setError("Please confirm your password");  
 confirmPassword.requestFocus();  
 return;  
 }  
 if(getPassword.equals(getFinalPassword)){  
 Toast.*makeText*(MainActivity.this,"Account Created Successfully!",Toast.*LENGTH\_SHORT*).show();  
 Intent intent=new Intent(MainActivity.this, LogInActivity.class);  
 intent.putExtra("email",getEmail);  
 intent.putExtra("password",getPassword);  
 startActivity(intent);  
 }  
 else{  
 Toast.*makeText*(MainActivity.this,"Password should match!",Toast.*LENGTH\_SHORT*).show();  
 Intent intent=new Intent(MainActivity.this, MainActivity.class);  
 startActivity(intent);  
 }  
 }  
 });  
  
 SliderAdapterJava adapter=new SliderAdapterJava(getSupportFragmentManager());  
 viewPager.setAdapter(adapter);  
  
 viewPager.setOffscreenPageLimit(1);  
  
 addDots(0); // Add initial dots  
 viewPager.addOnPageChangeListener(new ViewPager.OnPageChangeListener() {  
 @Override  
 public void onPageScrolled(int position, float positionOffset, int positionOffsetPixels) {  
 }  
  
 @Override  
 public void onPageSelected(int position) {  
 addDots(position);  
 }  
  
 @Override  
 public void onPageScrollStateChanged(int state) {  
 }  
 });  
  
 ViewCompat.*setOnApplyWindowInsetsListener*(findViewById(R.id.*main*), (v, insets) -> {  
 Insets systemBars = insets.getInsets(WindowInsetsCompat.Type.*systemBars*());  
 v.setPadding(systemBars.left, systemBars.top, systemBars.right, systemBars.bottom);  
 return insets;  
 });  
 }  
 public void continueFunction(View view){  
 Intent intent=new Intent(MainActivity.this, LogInActivity.class);  
 startActivity(intent);  
 finish();  
 }  
  
}

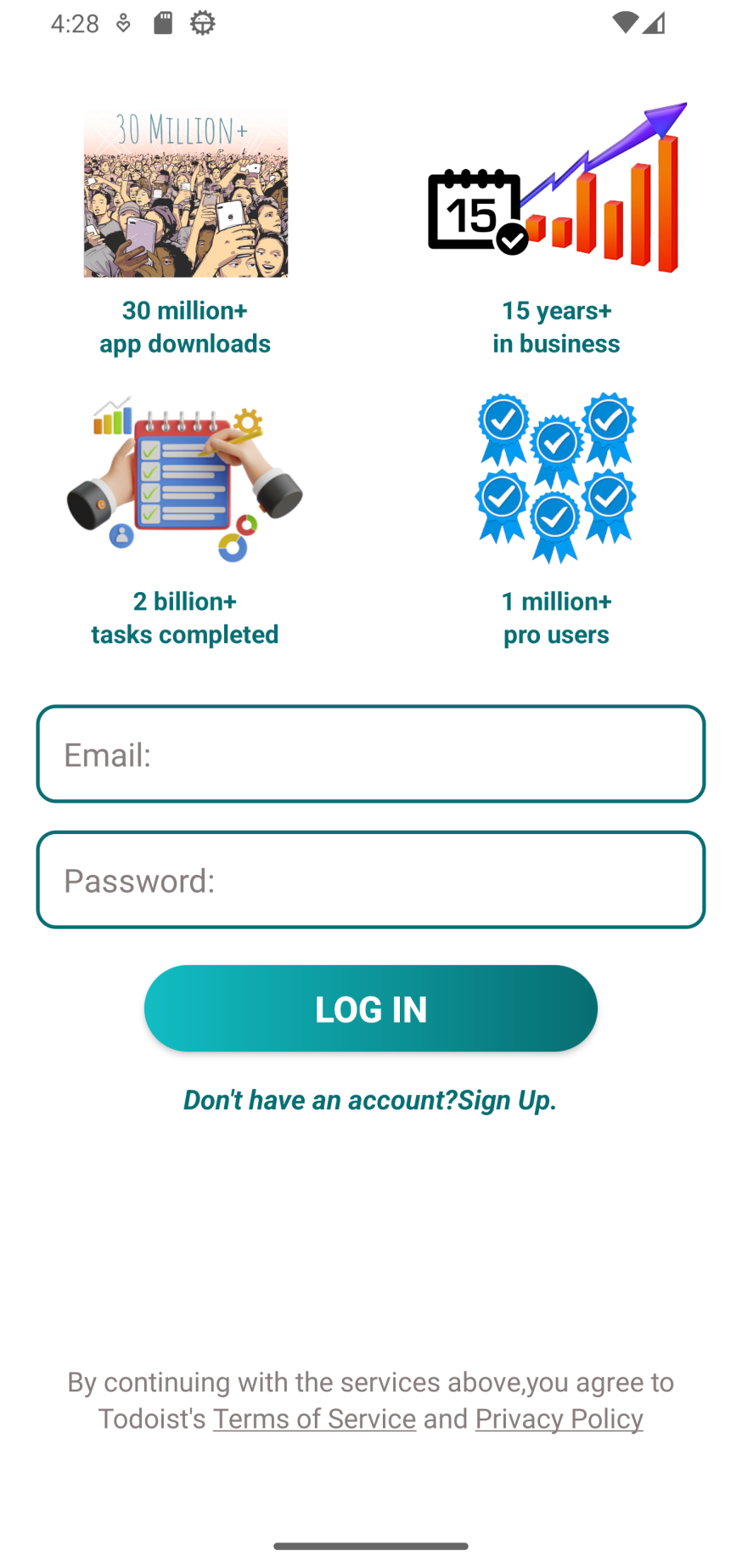
#### Java Code:(Fragment 1 Sign Up Screen):

package com.example.todoistappclone;  
  
import android.os.Bundle;  
  
import androidx.fragment.app.Fragment;  
  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.ImageView;  
  
import com.bumptech.glide.Glide;  
  
*/\*\*  
 \* A simple {@link Fragment} subclass.  
 \* Use the {@link StartingFragment#newInstance} factory method to  
 \* create an instance of this fragment.  
 \*/*public class StartingFragment extends Fragment {  
  
 // *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";  
  
 public StartingFragment() {  
 // 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 StartingFragment.  
 \*/* // *TODO: Rename and change types and number of parameters* public static StartingFragment newInstance(String param1, String param2) {  
 StartingFragment fragment = new StartingFragment();  
 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) {  
 String mParam1 = getArguments().getString(*ARG\_PARAM1*);  
 String mParam2 = getArguments().getString(*ARG\_PARAM2*);  
 }  
 }  
  
 @Override  
 public View onCreateView(LayoutInflater inflater, ViewGroup container,  
 Bundle savedInstanceState) {  
 View rootView=inflater.inflate(R.layout.*fragment\_starting*, container, false);  
 ImageView gifView=rootView.findViewById(R.id.*vid1*);  
 Glide.*with*(this).asGif().load(R.drawable.*screen1*).into(gifView);  
 return rootView;  
 }  
}

## Log In Screen:

#### XML Code:(Main Log In Screen)

<LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:id="@+id/logInScreen"  
 android:gravity="center\_horizontal"  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 android:background="@color/white"  
 android:paddingTop="20dp"  
 android:paddingBottom="10dp"  
 >  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 android:weightSum="2"  
 android:layout\_marginTop="30dp"  
 android:gravity="center">  
  
 <LinearLayout  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:orientation="vertical"  
 android:gravity="center\_horizontal">  
  
 <ImageView  
 android:id="@+id/image1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="100dp"  
 android:src="@drawable/million"  
 android:scaleType="fitCenter"  
 android:layout\_marginBottom="8dp"  
 android:contentDescription="" />  
  
 <TextView  
 android:id="@+id/text1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/\_30\_million\_napp\_downloads"  
 android:textColor="@color/teal"  
 android:textSize="14sp"  
 android:gravity="center"  
 android:textStyle="bold"  
 android:lineSpacingExtra="2dp" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:orientation="vertical"  
 android:gravity="center\_horizontal">  
  
 <ImageView  
 android:id="@+id/image2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="100dp"  
 android:src="@drawable/years"  
 android:scaleType="fitCenter"  
 android:layout\_marginBottom="8dp"  
 android:contentDescription="" />  
  
 <TextView  
 android:id="@+id/text2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/\_15\_years\_nin\_business"  
 android:textColor="@color/teal"  
 android:textSize="14sp"  
 android:textStyle="bold"  
  
 android:gravity="center"  
 android:lineSpacingExtra="2dp" />  
 </LinearLayout>  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 android:weightSum="2"  
 android:gravity="center"  
 android:layout\_marginTop="16dp">  
  
 <LinearLayout  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:orientation="vertical"  
 android:gravity="center\_horizontal">  
  
 <ImageView  
 android:id="@+id/image3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="100dp"  
 android:src="@drawable/task"  
 android:scaleType="fitCenter"  
 android:layout\_marginBottom="8dp"  
 android:contentDescription="" />  
  
 <TextView  
 android:id="@+id/text3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/\_2\_billion\_ntasks\_completed"  
 android:textColor="@color/teal"  
 android:textSize="14sp"  
 android:textStyle="bold"  
  
 android:gravity="center"  
 android:lineSpacingExtra="2dp" />  
 </LinearLayout>  
  
 <!-- Fourth Image and Text -->  
 <LinearLayout  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:orientation="vertical"  
 android:gravity="center\_horizontal">  
  
 <ImageView  
 android:id="@+id/image4"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="100dp"  
 android:src="@drawable/user"  
 android:scaleType="fitCenter"  
 android:layout\_marginBottom="8dp"  
 android:contentDescription="" />  
  
 <TextView  
 android:id="@+id/text4"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/\_1\_million\_npro\_users"  
 android:textColor="@color/teal"  
 android:textSize="14sp"  
 android:textStyle="bold"  
  
 android:gravity="center"  
 android:lineSpacingExtra="2dp" />  
 </LinearLayout>  
 </LinearLayout>  
 <EditText  
 android:id="@+id/emailinput"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:background="@drawable/inputtext"  
 android:padding="15dp"  
 android:inputType="textEmailAddress"  
 android:layout\_marginTop="30dp"  
 android:layout\_marginStart="20dp"  
 android:layout\_marginEnd="20dp"  
 android:textColorHint="#887d7d"  
 android:hint="@string/input1text"  
 android:textColor="#FC4D8580" />  
  
 <EditText  
 android:id="@+id/passwordinput"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:background="@drawable/inputtext"  
 android:padding="15dp"  
 android:inputType="textPassword"  
 android:layout\_marginTop="15dp"  
 android:layout\_marginBottom="0dp"  
 android:layout\_marginStart="20dp"  
 android:layout\_marginEnd="20dp"  
 android:textColorHint="#887d7d"  
 android:hint="@string/passwordText"  
 android:textColor="#FC4D8580" />  
 <Button  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@drawable/buttons"  
 android:text="@string/log\_in"  
 android:id="@+id/logInButton"  
 android:textColor="@color/white"  
 android:textStyle="bold"  
 android:layout\_marginTop="20dp"  
 android:layout\_marginStart="80dp"  
 android:layout\_marginEnd="80dp"  
 android:textSize="20sp"  
 />  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/don\_t\_have\_an\_account\_sign\_up"  
 android:textSize="15sp"  
 android:onClick="backToSignUp"  
 android:textStyle="bold"  
 android:textColor="#076e72"  
 android:padding="16dp"  
 android:layout\_gravity="center\_horizontal"  
 />  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="120dp"  
 android:layout\_gravity="center\_horizontal"  
 android:text="@string/footerline1"  
 android:textColor="#887d7d"  
 android:textSize="15sp"  
 />  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:text="@string/footerline2"  
 android:textColor="#887d7d"  
 android:textSize="15sp"  
 />  
</LinearLayout>



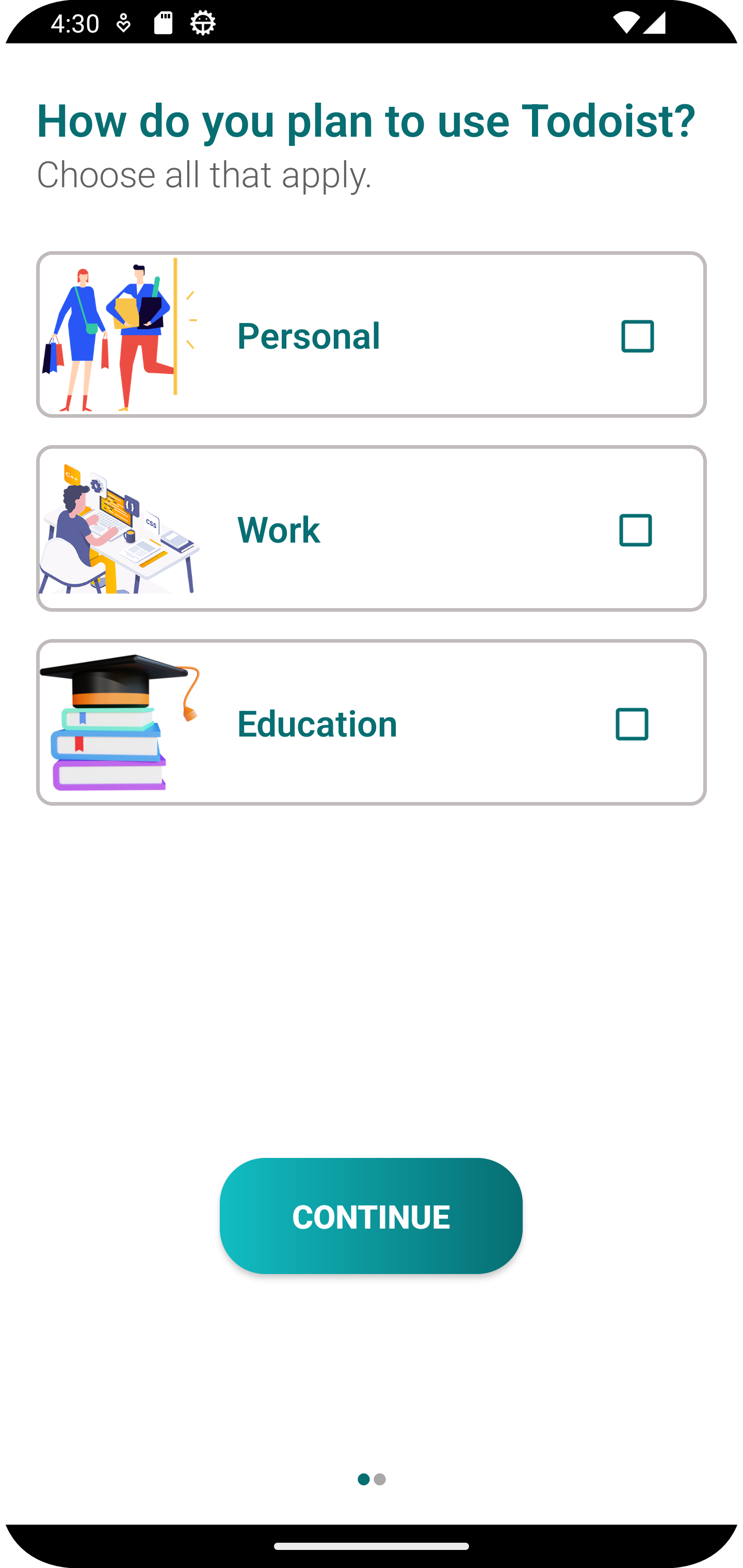
#### Java Code:(Log In Screen):

package com.example.todoistappclone;  
  
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.activity.EdgeToEdge;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.core.graphics.Insets;  
import androidx.core.view.ViewCompat;  
import androidx.core.view.WindowInsetsCompat;  
  
public class LogInActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 EdgeToEdge.*enable*(this);  
 setContentView(R.layout.*activity\_log\_in*);  
 Button logInButton=findViewById(R.id.*logInButton*);  
 EditText enteredEmail=findViewById(R.id.*emailinput*);  
 EditText enteredPass=findViewById(R.id.*passwordinput*);  
  
 logInButton.setOnClickListener(new View.OnClickListener(){  
  
 @Override  
 public void onClick(View view) {  
 String savedEmail=getIntent().getStringExtra("email");  
 String savedPass=getIntent().getStringExtra("password");  
 final String userEmail = enteredEmail.getText().toString().trim();  
 final String userPass = enteredPass.getText().toString().trim();  
  
 if (userEmail.isEmpty()) {  
 enteredEmail.setError("Email cannot be empty");  
 enteredEmail.requestFocus(); // Focus the input field  
 return;  
 }  
 if (userPass.isEmpty()) {  
 enteredPass.setError("Password cannot be empty");  
 enteredPass.requestFocus(); // Focus the input field  
 return;  
 }  
 if(userEmail.equals(savedEmail) && userPass.equals(savedPass)){  
 Toast.*makeText*(LogInActivity.this,"Logged In Successfully!",Toast.*LENGTH\_SHORT*).show();  
 Intent intent=new Intent(LogInActivity.this, Screen2.class);  
 startActivity(intent);  
 }  
 }  
 });  
 ViewCompat.*setOnApplyWindowInsetsListener*(findViewById(R.id.*logInScreen*), (v, insets) -> {  
 Insets systemBars = insets.getInsets(WindowInsetsCompat.Type.*systemBars*());  
 v.setPadding(systemBars.left, systemBars.top, systemBars.right, systemBars.bottom);  
 return insets;  
 });  
 }  
 public void backToSignUp(View view){  
 Intent intent=new Intent(LogInActivity.this, MainActivity.class);  
 startActivity(intent);  
 finish();  
 }  
}

## Screen 3 :

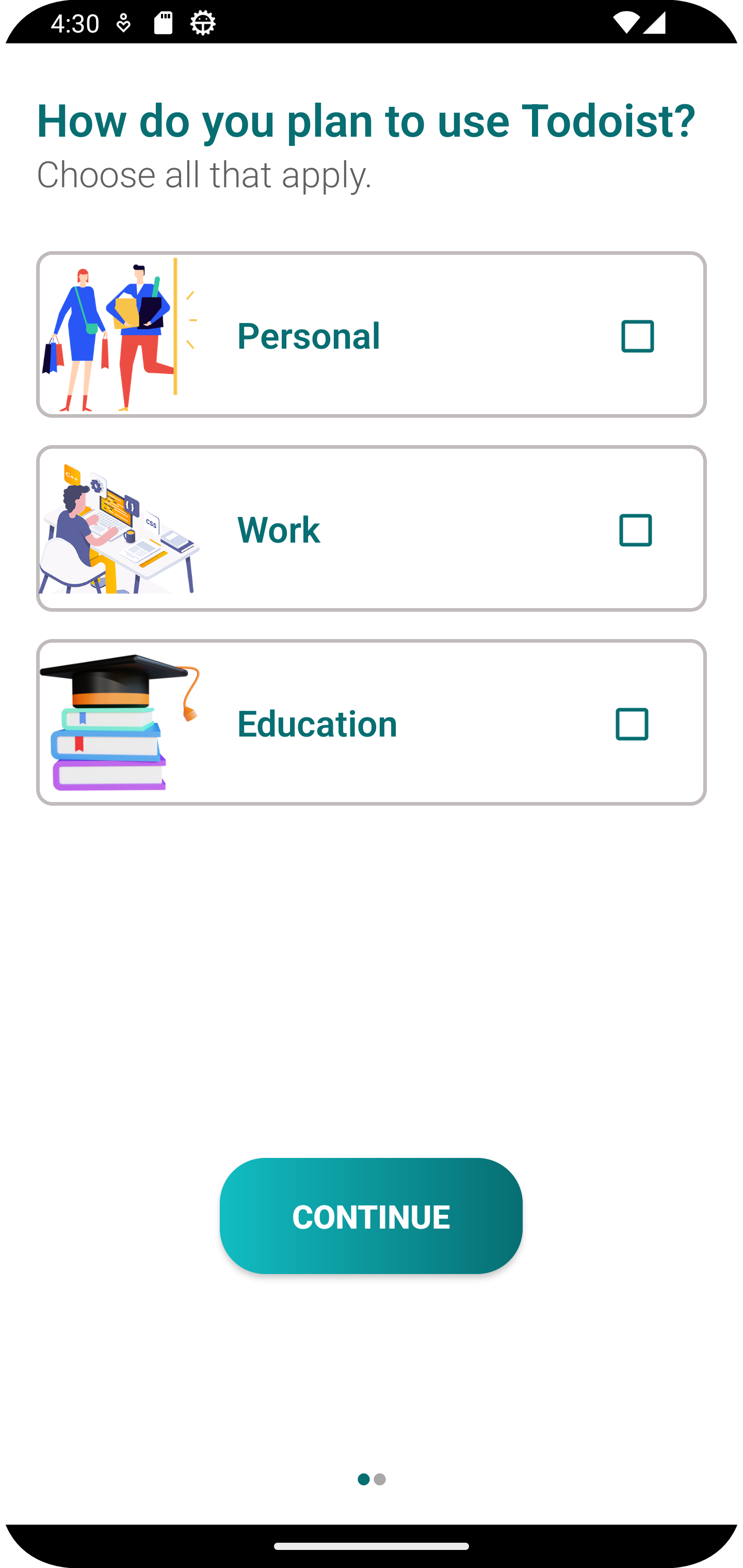
#### XML Code:(Main Screen 3)

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:orientation="vertical"  
 android:id="@+id/main"  
 android:background="@color/white"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".Screen2">  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="0dp"  
 android:layout\_weight="1.75"  
 >  
  
 <androidx.viewpager.widget.ViewPager  
 android:id="@+id/pageslider2"  
 android:contentDescription="@string/content\_slider"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"/>  
  
  
 </LinearLayout>  
 <LinearLayout  
 android:id="@+id/dotsLayout2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 android:gravity="center"  
 android:layout\_marginBottom="16dp">  
 </LinearLayout>  
  
  
</LinearLayout>



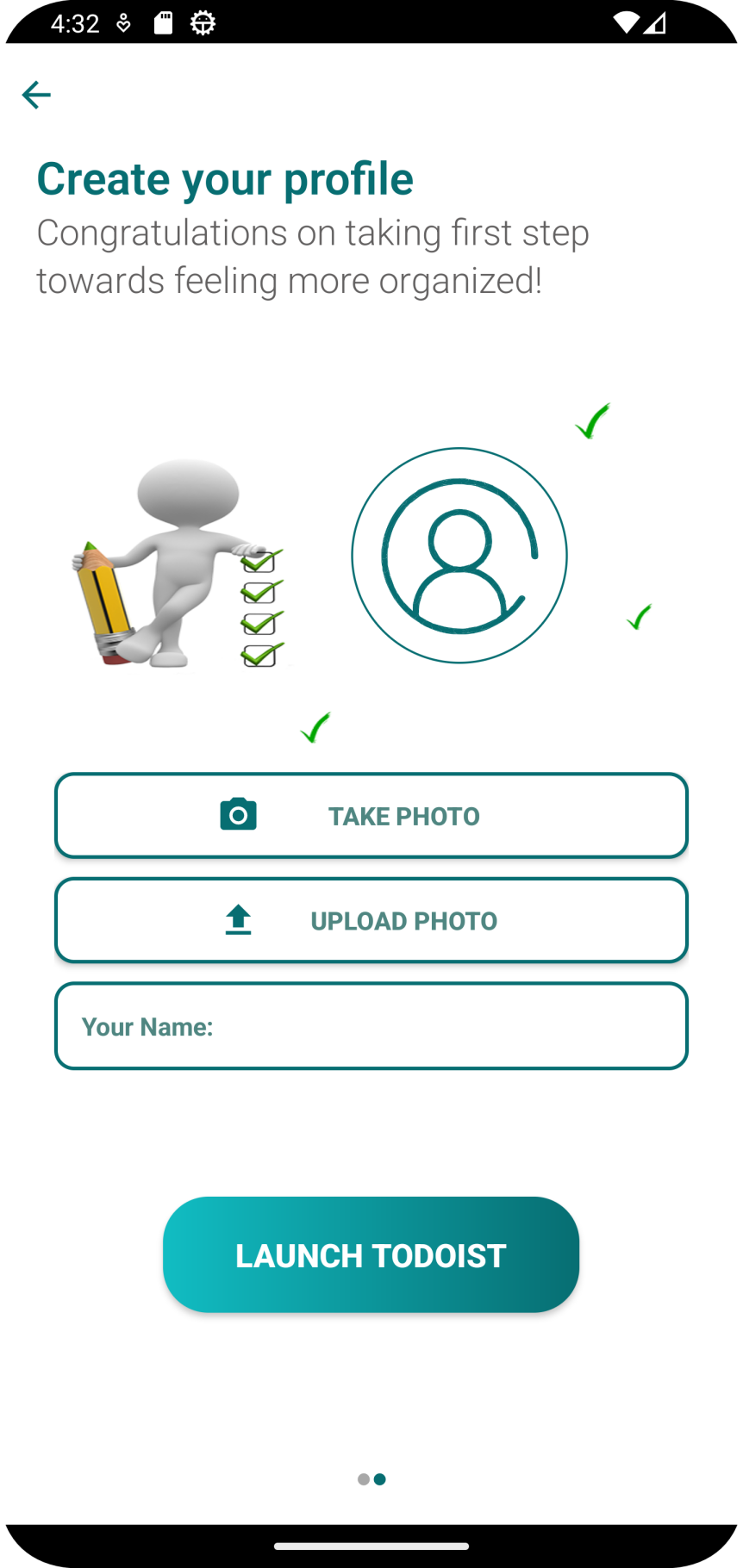
#### XML Code:(Fragment 1 Screen 3)

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:background="@color/white"  
 tools:context=".Screen2Fragment1">  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="@string/how\_do\_you\_plan\_to\_use\_todoist"  
 android:textStyle="bold"  
 android:textSize="25sp"  
 android:fontFamily="sans-serif-light"  
 android:textColor="@color/teal"  
 android:paddingTop="25dp"  
 android:paddingStart="20dp"  
 tools:ignore="RtlSymmetry" />  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="@string/choose\_all\_that\_apply"  
 android:textSize="20sp"  
 android:fontFamily="sans-serif-light"  
 android:textColor="#626060"  
 android:paddingStart="20dp"  
 tools:ignore="RtlSymmetry" />  
 <LinearLayout  
 android:id="@+id/layout1"  
 android:layout\_marginTop="30dp"  
 android:layout\_marginStart="20dp"  
 android:layout\_marginEnd="20dp"  
 android:padding="1dp"  
 android:background="@drawable/screen2border"  
 android:orientation="horizontal"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
 <ImageView  
 android:layout\_width="90dp"  
 android:layout\_height="90dp"  
 android:contentDescription="@string/personal"  
 android:src="@drawable/personal"  
 android:layout\_gravity="center\_vertical"  
 />  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/personalBox"  
 android:textSize="20sp"  
 android:fontFamily="sans-serif-light"  
 android:textColor="@color/teal"  
 android:textStyle="bold"  
 android:layout\_weight="6"  
 android:layout\_gravity="center\_vertical"  
 android:paddingStart="20dp"  
 tools:ignore="RtlSymmetry" />  
  
 <CheckBox  
 android:layout\_width="wrap\_content"  
 android:layout\_height="50dp"  
 android:layout\_marginTop="30dp"  
 android:layout\_weight="1"  
 android:checked="false"  
 android:buttonTint="@color/teal"  
 android:gravity="end" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:id="@+id/layout2"  
 android:layout\_marginTop="15dp"  
 android:layout\_marginStart="20dp"  
 android:layout\_marginEnd="20dp"  
 android:padding="1dp"  
 android:background="@drawable/screen2border"  
 android:orientation="horizontal"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
 <ImageView  
 android:layout\_width="90dp"  
 android:layout\_height="90dp"  
 android:contentDescription="@string/personal"  
 android:src="@drawable/work"  
 android:layout\_gravity="center\_vertical"  
 />  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/work"  
 android:textSize="20sp"  
 android:fontFamily="sans-serif-light"  
 android:textColor="@color/teal"  
 android:textStyle="bold"  
 android:layout\_weight="6"  
 android:layout\_gravity="center\_vertical"  
 android:paddingStart="20dp"  
 tools:ignore="RtlSymmetry" />  
  
 <CheckBox  
 android:layout\_width="wrap\_content"  
 android:layout\_height="50dp"  
 android:layout\_marginTop="30dp"  
 android:layout\_marginStart="25dp"  
 android:layout\_weight="1"  
 android:checked="false"  
 android:buttonTint="@color/teal"  
 android:gravity="end" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:id="@+id/layout3"  
 android:layout\_marginTop="15dp"  
 android:layout\_marginStart="20dp"  
 android:layout\_marginEnd="20dp"  
 android:padding="1dp"  
 android:background="@drawable/screen2border"  
 android:orientation="horizontal"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
 <ImageView  
 android:layout\_width="90dp"  
 android:layout\_height="90dp"  
 android:contentDescription="@string/personal"  
 android:src="@drawable/edu"  
 android:layout\_gravity="center\_vertical"  
 />  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/education"  
 android:textSize="20sp"  
 android:fontFamily="sans-serif-light"  
 android:textColor="@color/teal"  
 android:textStyle="bold"  
 android:layout\_weight="6"  
 android:layout\_gravity="center\_vertical"  
 android:paddingStart="20dp"  
 tools:ignore="RtlSymmetry" />  
  
 <CheckBox  
 android:layout\_width="wrap\_content"  
 android:layout\_height="50dp"  
 android:layout\_marginTop="30dp"  
 android:layout\_marginEnd="5dp"  
 android:layout\_weight="1"  
 android:buttonTint="@color/teal"  
 android:checked="false"  
 android:gravity="end" />  
 </LinearLayout>  
  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="195dp"  
 android:layout\_marginStart="20dp"  
 android:layout\_marginEnd="20dp"  
 android:layout\_marginBottom="20dp"  
 android:background="@drawable/buttons"  
 android:gravity="center"  
 android:paddingTop="20dp"  
 android:paddingLeft="40dp"  
 android:paddingRight="40dp"  
 android:paddingBottom="20dp"  
 android:text="@string/Screen2Button"  
 android:id="@+id/ContinueButton"  
 android:textColor="@color/white"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
</LinearLayout>



#### XML Code:(Fragment 2 Screen 3)

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 android:background="@color/white"  
 android:orientation="vertical"  
 android:layout\_height="match\_parent"  
 tools:context=".Screen2Fragment2">  
  
 <ImageButton  
 android:id="@+id/BackButton"  
 android:layout\_width="40dp"  
 android:layout\_height="57dp"  
 android:background="@android:color/transparent"  
 android:contentDescription="@string/back\_button\_description"  
 android:src="@drawable/baseline\_arrow\_back\_24" />  
  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="@string/create\_your\_profile"  
 android:textStyle="bold"  
 android:textSize="25sp"  
 android:fontFamily="sans-serif-light"  
 android:textColor="@color/teal"  
 android:paddingTop="0dp"  
 android:paddingStart="20dp"  
 tools:ignore="RtlSymmetry" />  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="@string/congratulations\_on\_taking\_first\_step\_towards"  
 android:textSize="20sp"  
 android:fontFamily="sans-serif-light"  
 android:textColor="#626060"  
 android:paddingStart="20dp"  
 tools:ignore="RtlSymmetry" />  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="@string/feeling\_more\_organized"  
 android:textSize="20sp"  
 android:fontFamily="sans-serif-light"  
 android:textColor="#626060"  
 android:paddingStart="20dp"  
 tools:ignore="RtlSymmetry" />  
 <LinearLayout  
 android:id="@+id/layout1"  
 android:layout\_marginTop="30dp"  
 android:layout\_marginStart="10dp"  
 android:layout\_marginEnd="10dp"  
 android:padding="20dp"  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="200dp"  
 android:background="@drawable/bg"  
 >  
  
 <RelativeLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="150dp">  
  
 <de.hdodenhof.circleimageview.CircleImageView  
 android:id="@+id/profile\_image"  
 android:layout\_width="150dp"  
 android:layout\_height="120dp"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginEnd="52dp"  
 android:layout\_marginBottom="0dp"  
 android:background="@color/white"  
 android:contentDescription="@string/profile\_picture"  
 app:civ\_border\_color="@color/teal"  
 app:civ\_border\_width="1dp"  
 android:src="@drawable/profile" />  
 </RelativeLayout>  
 </LinearLayout>  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="10dp"  
 android:orientation="vertical"  
 >  
 <Button  
 android:id="@+id/button2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:background="@drawable/screen2button"  
 android:drawableStart="@drawable/baseline\_camera\_alt\_24"  
 android:drawablePadding="12dp"  
 android:gravity="center"  
 android:paddingLeft="90dp"  
 android:paddingTop="10dp"  
 android:paddingRight="90dp"  
 android:paddingBottom="10dp"  
 android:text="@string/take\_photo"  
 android:textColor="#FC4D8580"  
 android:textSize="14sp"  
 android:textStyle="bold" />  
 <Button  
 android:id="@+id/button3"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:background="@drawable/screen2button"  
 android:drawableStart="@drawable/baseline\_upload\_24"  
 android:drawablePadding="12dp"  
 android:layout\_marginTop="10dp"  
 android:gravity="center"  
 android:paddingLeft="90dp"  
 android:paddingTop="10dp"  
 android:paddingRight="90dp"  
 android:paddingBottom="10dp"  
 android:text="@string/upload\_photo"  
 android:textColor="#FC4D8580"  
 android:textSize="14sp"  
 android:textStyle="bold" />  
 <EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@drawable/inputtext"  
 android:padding="15dp"  
 android:inputType="text"  
 android:layout\_marginTop="10dp"  
 android:hint="@string/your\_name"  
 android:textColorHint="#FC4D8580"  
 android:textColor="#8879d7"  
 android:textSize="14sp"  
 android:textStyle="bold"  
 />  
 </LinearLayout>  
  
 </LinearLayout>  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="50dp"  
 android:layout\_marginStart="20dp"  
 android:layout\_marginEnd="20dp"  
 android:id="@+id/LaunchButton"  
 android:layout\_marginBottom="20dp"  
 android:background="@drawable/buttons"  
 android:gravity="center"  
 android:paddingTop="20dp"  
 android:paddingLeft="40dp"  
 android:paddingRight="40dp"  
 android:paddingBottom="20dp"  
 android:text="@string/launch\_todoist"  
 android:textColor="@color/white"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
</LinearLayout>



#### Java Code:(Main Screen3):

package com.example.todoistappclone;  
  
import android.os.Bundle;  
import android.widget.LinearLayout;  
import android.widget.TextView;  
  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.viewpager.widget.ViewPager;  
  
public class Screen2 extends AppCompatActivity {  
 private LinearLayout dotsLayout;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_screen2*);  
 ViewPager viewPage = findViewById(R.id.*pageslider2*);  
 dotsLayout = findViewById(R.id.*dotsLayout2*);  
  
  
 SliderScreen2 adapter2= new SliderScreen2(getSupportFragmentManager());  
 viewPage.setAdapter(adapter2);  
  
 viewPage.setOffscreenPageLimit(1);  
  
 addDots(0);  
 viewPage.addOnPageChangeListener(new ViewPager.OnPageChangeListener() {  
 @Override  
 public void onPageScrolled(int position, float positionOffset, int positionOffsetPixels) {  
 }  
  
 @Override  
 public void onPageSelected(int position) {  
  
 addDots(position);  
 }  
  
 @Override  
 public void onPageScrollStateChanged(int state) {  
 }  
 });  
  
 }  
  
  
  
 private void addDots(int currentPage) {  
 int numPages = 2;  
 dotsLayout.removeAllViews();  
 TextView[] dots = new TextView[numPages];  
  
 for (int i = 0; i < dots.length; i++) {  
 dots[i] = new TextView(this);  
 dots[i].setText("●"); // Unicode for a dot  
 dots[i].setTextSize(15);  
 dots[i].setTextColor(getResources().getColor(R.color.*gray*));  
 dotsLayout.addView(dots[i]);  
 }  
  
 dots[currentPage].setTextColor(getResources().getColor(R.color.*teal*)); // Active color  
 }  
}

#### Java Code:(Fragment 1 Screen 3):

package com.example.todoistappclone;  
  
import android.os.Bundle;  
  
import androidx.fragment.app.Fragment;  
import androidx.viewpager.widget.ViewPager;  
  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
  
*/\*\*  
 \* A simple {@link Fragment} subclass.  
 \* Use the {@link Screen2Fragment1#newInstance} factory method to  
 \* create an instance of this fragment.  
 \*/*public class Screen2Fragment1 extends Fragment {  
  
 // *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 Screen2Fragment1() {  
 // 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 Screen2Fragment1.  
 \*/* // *TODO: Rename and change types and number of parameters* public static Screen2Fragment1 newInstance(String param1, String param2) {  
 Screen2Fragment1 fragment = new Screen2Fragment1();  
 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) {  
 View view= inflater.inflate(R.layout.*fragment1\_screen2*, container, false);  
 view.findViewById(R.id.*ContinueButton*).setOnClickListener(v->{  
 ViewPager viewPager=requireActivity().findViewById(R.id.*pageslider2*);  
 viewPager.setCurrentItem(1);  
 });  
 return view;  
 }  
}

#### Java Code:(Fragment 2 Screen 3):

package com.example.todoistappclone;  
  
import android.os.Bundle;  
  
import androidx.fragment.app.Fragment;  
import androidx.viewpager.widget.ViewPager;  
  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
  
*/\*\*  
 \* A simple {@link Fragment} subclass.  
 \* Use the {@link Screen2Fragment2#newInstance} factory method to  
 \* create an instance of this fragment.  
 \*/*public class Screen2Fragment2 extends Fragment {  
  
 // *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 Screen2Fragment2() {  
 // 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 Screen2Fragment2.  
 \*/* // *TODO: Rename and change types and number of parameters* public static Screen2Fragment2 newInstance(String param1, String param2) {  
 Screen2Fragment2 fragment = new Screen2Fragment2();  
 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 view =inflater.inflate(R.layout.*fragment2\_screen2*, container, false);  
 view.findViewById(R.id.*BackButton*).setOnClickListener(v->{  
 ViewPager viewPager=requireActivity().findViewById(R.id.*pageslider2*);  
 viewPager.setCurrentItem(0);  
 });  
 return view;  
 }  
}

#### Screen 4 XML Code:(Main Screen Code):

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:weightSum="1"  
 android:id="@+id/main"  
 android:background="@color/white">

<androidx.fragment.app.FragmentContainerView  
 android:id="@+id/fragmentContainerView"  
 android:name="com.example.todoistappclone.HomeFragment"  
 android:layout\_width="match\_parent"  
 android:layout\_height="0dp"  
 android:layout\_weight="0.92"  
 android:background="@color/teal" />  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="0dp"  
 android:layout\_weight="0.09"  
 android:orientation="horizontal"  
 android:background="#D1EFEC"  
 android:padding="8dp"  
 android:gravity="center">  
  
 <LinearLayout  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:orientation="vertical"  
 android:gravity="center">  
  
 <ImageButton  
 android:id="@+id/home\_button"  
 android:layout\_width="60dp"  
 android:layout\_height="48dp"  
 android:background="?attr/selectableItemBackgroundBorderless"  
 android:src="@drawable/ic\_home\_black\_24dp"  
 android:contentDescription="Home" />  
  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:orientation="vertical"  
 android:gravity="center">  
  
 <ImageButton  
 android:id="@+id/dashboard\_button"  
 android:layout\_width="60dp"  
 android:layout\_height="48dp"  
 android:background="?attr/selectableItemBackgroundBorderless"  
 android:src="@drawable/ic\_dashboard\_black\_24dp"  
 android:contentDescription="Dashboard" />  
  
  
 </LinearLayout>  
  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:orientation="vertical"  
 android:gravity="center">  
  
 <ImageButton  
 android:id="@+id/notifications\_button"  
 android:layout\_width="60dp"  
 android:layout\_height="48dp"  
 android:background="?attr/selectableItemBackgroundBorderless"  
 android:src="@drawable/ic\_notifications\_black\_24dp"  
 android:contentDescription="Notifications" />  
  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:orientation="vertical"  
 android:gravity="center">  
  
 <ImageButton  
 android:id="@+id/search\_button"  
 android:layout\_width="60dp"  
 android:layout\_height="48dp"  
 android:background="?attr/selectableItemBackgroundBorderless"  
 android:src="@drawable/baseline\_search\_24"  
 android:contentDescription="Search" />  
  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:orientation="vertical"  
 android:gravity="center">  
  
 <ImageButton  
 android:id="@+id/menu\_button"  
 android:layout\_width="60dp"  
 android:layout\_height="48dp"  
 android:background="?attr/selectableItemBackgroundBorderless"  
 android:src="@drawable/baseline\_menu\_24"  
 android:contentDescription="Menu" />  
  
  
 </LinearLayout>  
  
 </LinearLayout>  
  
</LinearLayout>

#### Screen 4 XML Code:(Fragment 1 XML Code):

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

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

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

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

android:layout\_width="match\_parent"

android:background="@color/white"

android:orientation="vertical"

android:layout\_height="match\_parent"

tools:context=".ui.home.HomeFragment">

<LinearLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:orientation="vertical"

>

<TextView

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="Today"

android:textStyle="bold"

android:textSize="25sp"

android:fontFamily="sans-serif-light"

android:textColor="@color/teal"

android:paddingTop="25dp"

android:paddingStart="20dp"

tools:ignore="RtlSymmetry" />

<TextView

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="3 tasks"

android:textSize="20sp"

android:fontFamily="sans-serif-light"

android:textColor="#626060"

android:paddingStart="20dp"

tools:ignore="RtlSymmetry" />

</LinearLayout>

<LinearLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:orientation="horizontal"

android:weightSum="2"

>

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Overdue"

android:textStyle="bold"

android:layout\_weight="1.75"

android:textSize="20sp"

android:fontFamily="sans-serif-light"

android:textColor="@color/teal"

android:paddingTop="15dp"

android:paddingStart="20dp"

tools:ignore="RtlSymmetry" />

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Reschedule"

android:textStyle="bold"

android:textSize="20sp"

android:layout\_weight="1"

android:fontFamily="sans-serif-light"

android:textColor="@color/teal"

android:layout\_gravity="end|center\_horizontal"

android:paddingTop="15dp"

android:paddingStart="20dp"

tools:ignore="RtlSymmetry" />

</LinearLayout>

<View

android:layout\_width="match\_parent"

android:layout\_height="1dp"

android:layout\_marginTop="15dp"

android:background="#C6DEDC" />

<RelativeLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

>

<CheckBox

android:id="@+id/box1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginStart="15dp"

android:layout\_marginTop="10dp"

android:buttonTint="@color/teal"

android:checked="false"

android:gravity="start|center"

android:minWidth="48dp"

android:minHeight="48dp" />

<TextView

android:id="@+id/text1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginTop="10dp"

android:layout\_marginStart="60dp"

android:text="@string/download\_todoist\_on\_all\_your\_devices\_and\_email\_for"

android:textColor="#0F0E0E"

android:textSize="16sp" />

<TextView

android:id="@+id/text2"

android:layout\_below="@id/text1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="@string/and\_email\_for"

android:textSize="16sp"

android:layout\_marginStart="62dp"

android:textColor="#101010"

/>

<ImageView

android:layout\_width="20dp"

android:layout\_height="20dp"

android:id="@+id/watch"

android:layout\_marginStart="5dp"

android:src="@drawable/watch"

android:layout\_toEndOf="@id/text2"

android:layout\_below="@id/text1"

/>

<TextView

android:id="@+id/text3"

android:layout\_below="@id/text1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text=","

android:layout\_toEndOf="@id/watch"

android:textSize="18sp"

android:textColor="#0F0E0E"

/>

<ImageView

android:layout\_width="20dp"

android:layout\_height="20dp"

android:id="@+id/desktop"

android:layout\_marginStart="5dp"

android:src="@drawable/desktop"

android:layout\_toEndOf="@id/watch"

android:layout\_below="@id/text1"

/>

<TextView

android:id="@+id/text4"

android:layout\_below="@id/text1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text=","

android:layout\_toEndOf="@id/desktop"

android:textSize="18sp"

android:textColor="#101010"

/>

<ImageView

android:layout\_width="20dp"

android:layout\_height="20dp"

android:id="@+id/phone"

android:layout\_marginStart="0dp"

android:src="@drawable/smartphone"

android:layout\_toEndOf="@id/text4"

android:layout\_below="@id/text1"

/>

<TextView

android:id="@+id/text5"

android:layout\_below="@id/text1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="and"

android:layout\_toEndOf="@id/phone"

android:textSize="18sp"

android:textColor="#090909"

/>

<ImageView

android:layout\_width="20dp"

android:layout\_height="20dp"

android:id="@+id/email"

android:layout\_marginStart="5dp"

android:src="@drawable/email"

android:layout\_toEndOf="@id/text5"

android:layout\_below="@id/text1"

/>

<LinearLayout

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:orientation="horizontal"

android:layout\_marginTop="55dp"

>

<ImageView

android:layout\_width="20dp"

android:layout\_height="20dp"

android:id="@+id/attach"

android:layout\_marginStart="60dp"

android:layout\_marginTop="10dp"

android:src="@drawable/attachfile"

/>

<ImageView

android:id="@+id/calendar"

android:layout\_width="24dp"

android:layout\_height="19dp"

android:layout\_marginStart="20dp"

android:layout\_marginTop="10dp"

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

<TextView

android:id="@+id/text6"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Dec 10"

android:layout\_marginStart="5dp"

android:layout\_marginTop="10dp"

android:textSize="15sp"

android:textStyle="bold"

android:textColor="#F44336"

/>

<ImageView

android:layout\_width="20dp"

android:layout\_height="20dp"

android:id="@+id/inbox"

android:layout\_marginStart="120dp"

android:layout\_marginTop="8dp"

android:src="@drawable/inbox"

/>

<TextView

android:id="@+id/text7"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Inbox"

android:textStyle="bold"

android:layout\_marginStart="10dp"

android:layout\_marginTop="10dp"

android:textSize="15sp"

android:textColor="#009688"

/>

</LinearLayout>

</RelativeLayout>

<View

android:layout\_width="match\_parent"

android:layout\_height="1dp"

android:layout\_marginTop="8dp"

android:background="#C6DEDC" />

<RelativeLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

>

<CheckBox

android:id="@+id/Tile2box1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginStart="15dp"

android:layout\_marginTop="10dp"

android:buttonTint="@color/teal"

android:checked="false"

android:gravity="start|center"

android:minWidth="48dp"

android:minHeight="48dp" />

<TextView

android:id="@+id/Tile2text1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginTop="10dp"

android:layout\_marginStart="60dp"

android:text="@string/take\_the\_productivity\_method\_quiz"

android:textColor="#100F0F"

android:textSize="16sp" />

<TextView

android:id="@+id/Tile2text2"

android:layout\_below="@id/Tile2text1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="@string/get\_a\_personalized\_recommendation\_from\_todoist"

android:textSize="14sp"

android:layout\_marginStart="62dp"

android:textColor="#626060"

/>

<LinearLayout

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:orientation="horizontal"

android:layout\_marginTop="55dp"

>

<ImageView

android:layout\_width="20dp"

android:layout\_height="20dp"

android:id="@+id/Tile2attach"

android:layout\_marginStart="60dp"

android:layout\_marginTop="10dp"

android:src="@drawable/attachfile"

/>

<ImageView

android:id="@+id/Tile2calendar"

android:layout\_width="24dp"

android:layout\_height="19dp"

android:layout\_marginStart="20dp"

android:layout\_marginTop="10dp"

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

<TextView

android:id="@+id/Tile2text6"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Dec 10"

android:layout\_marginStart="5dp"

android:layout\_marginTop="10dp"

android:textSize="15sp"

android:textStyle="bold"

android:textColor="#F44336"

/>

<ImageView

android:layout\_width="20dp"

android:layout\_height="20dp"

android:id="@+id/Tile2inbox"

android:layout\_marginStart="120dp"

android:layout\_marginTop="8dp"

android:src="@drawable/inbox"

/>

<TextView

android:id="@+id/Tile2text7"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Inbox"

android:textStyle="bold"

android:layout\_marginStart="10dp"

android:layout\_marginTop="10dp"

android:textSize="15sp"

android:textColor="#009688"

/>

</LinearLayout>

</RelativeLayout>

<View

android:layout\_width="match\_parent"

android:layout\_height="1dp"

android:layout\_marginTop="8dp"

android:background="#C6DEDC" />

<RelativeLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

>

<CheckBox

android:id="@+id/Tile3box1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginStart="15dp"

android:layout\_marginTop="10dp"

android:buttonTint="@color/teal"

android:checked="false"

android:gravity="start|center"

android:minWidth="48dp"

android:minHeight="48dp" />

<TextView

android:id="@+id/Tile3text1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginTop="10dp"

android:layout\_marginStart="60dp"

android:text="@string/browse\_the\_todoist\_inspiration\_hub"

android:textColor="#100F0F"

android:textSize="16sp" />

<TextView

android:id="@+id/Tile3text2"

android:layout\_below="@id/Tile3text1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="@string/for\_productivity\_advice\_to\_sign\_up\_for\_our\_newsletter"

android:textSize="14sp"

android:layout\_marginStart="62dp"

android:textColor="#626060"

/>

<LinearLayout

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:orientation="horizontal"

android:layout\_marginTop="55dp"

>

<ImageView

android:layout\_width="20dp"

android:layout\_height="20dp"

android:id="@+id/Tile3attach"

android:layout\_marginStart="60dp"

android:layout\_marginTop="10dp"

android:src="@drawable/attachfile"

/>

<ImageView

android:id="@+id/Tile3calendar"

android:layout\_width="24dp"

android:layout\_height="19dp"

android:layout\_marginStart="20dp"

android:layout\_marginTop="10dp"

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

<TextView

android:id="@+id/Tile3text6"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Dec 10"

android:textStyle="bold"

android:layout\_marginStart="5dp"

android:layout\_marginTop="10dp"

android:textSize="15sp"

android:textColor="#F44336"

/>

<ImageView

android:layout\_width="20dp"

android:layout\_height="20dp"

android:id="@+id/Tile3inbox"

android:layout\_marginStart="120dp"

android:layout\_marginTop="8dp"

android:src="@drawable/inbox"

/>

<TextView

android:id="@+id/Tile3text7"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Inbox"

android:layout\_marginStart="10dp"

android:layout\_marginTop="10dp"

android:textSize="15sp"

android:textColor="#009688"

android:textStyle="bold"

/>

</LinearLayout>

</RelativeLayout>

<View

android:layout\_width="match\_parent"

android:layout\_height="1dp"

android:layout\_marginTop="8dp"

android:background="#C6DEDC" />

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginTop="20dp"

android:layout\_marginStart="60dp"

android:text="Dec 10 | Tuesday"

android:textColor="#100F0F"

android:textStyle="bold"

android:textSize="16sp" />

<View

android:layout\_width="match\_parent"

android:layout\_height="1dp"

android:layout\_marginTop="8dp"

android:background="#C6DEDC" />

<RelativeLayout

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginBottom="15dp"

>

<com.google.android.material.floatingactionbutton.FloatingActionButton

android:id="@+id/fab"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentEnd="true"

android:layout\_alignParentBottom="true"

android:layout\_margin="16dp"

android:contentDescription="@string/floating\_action\_button"

android:src="@drawable/baseline\_add\_24"

app:backgroundTint="@color/teal"

app:fabSize="normal" />

</RelativeLayout>

</LinearLayout>

#### Screen 4 Java Code:

package com.example.todoistappclone;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.ImageButton;  
  
import androidx.activity.EdgeToEdge;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.core.graphics.Insets;  
import androidx.core.view.ViewCompat;  
import androidx.core.view.WindowInsetsCompat;  
import androidx.fragment.app.FragmentManager;  
  
public class MainAppScreen extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 EdgeToEdge.*enable*(this);  
 setContentView(R.layout.*activity\_main\_app\_screen*);  
 if (savedInstanceState == null) {  
 FragmentManager fragmentManager = getSupportFragmentManager();  
 fragmentManager.beginTransaction()  
 .replace(R.id.*fragmentContainerView*, new HomeFragment(), null) // Replace with your container ID  
 .setReorderingAllowed(true)  
 .commit();  
 }  
 ViewCompat.*setOnApplyWindowInsetsListener*(findViewById(R.id.*main*), (v, insets) -> {  
 Insets systemBars = insets.getInsets(WindowInsetsCompat.Type.*systemBars*());  
 v.setPadding(systemBars.left, systemBars.top, systemBars.right, systemBars.bottom);  
 return insets;  
 });  
 }  
}

