

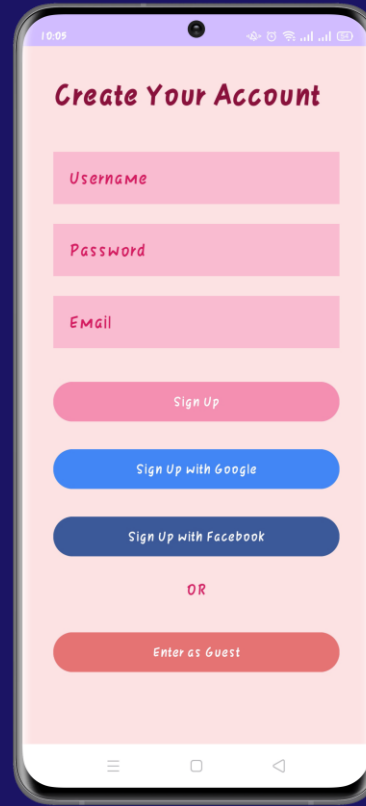
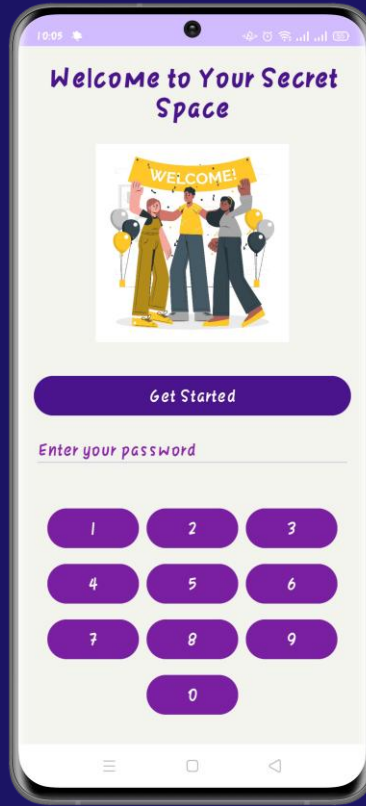


Secret Space App Frontend Overview


Xml code learning in android Studio

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Android Programming

Frontend Layout Design



Secret Space App



key Android UI elements
like

LinearLayout,

TextView,

EditText,

Button, and

CheckBox.

Based on 3 Activities.

Secret Space app allows users to store personal secrets and manage goals.

Main Features:

- 1) Welcoming interface
 - 2) Password protection
 - 3) To-do list for tracking goals
 - 4) Easy user input for secrets
- 

Activity 1:

TextView

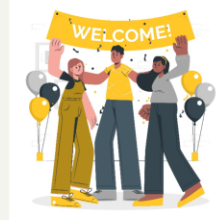
ImageView

Button

EditText

GridLayout

Welcome to Your Secret
Space



Get Started

Enter your password

1

2

3

4

5

6

7

8

9

0

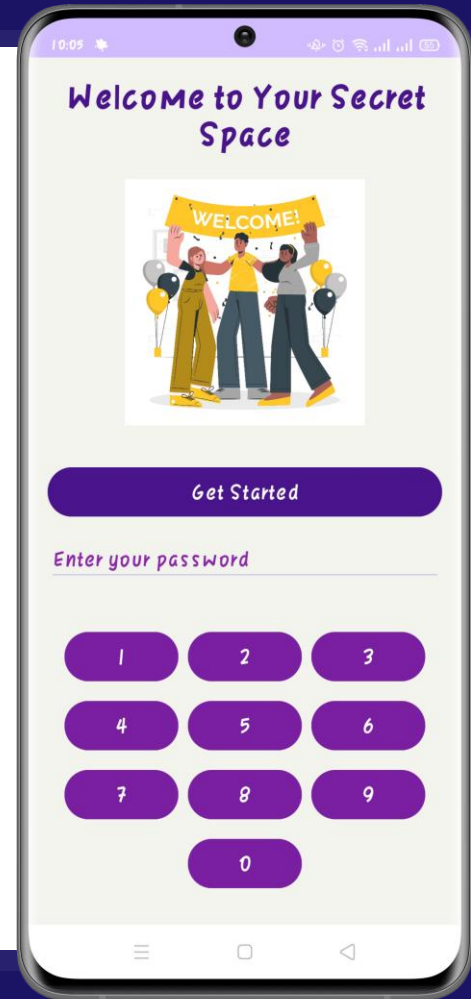
Layout Structure- Description:

The layout is structured using `LinearLayout` to stack UI elements vertically.

<LinearLayout

```
android:layout_width="match_parent"  
android:layout_height="match_parent"  
android:orientation="vertical">
```

- **Usage:** Organizes all components vertically for a clean flow.



Welcome Title (TextView)Description:

Displays the welcome message to the user.



<TextView

android:id="@+id/title"

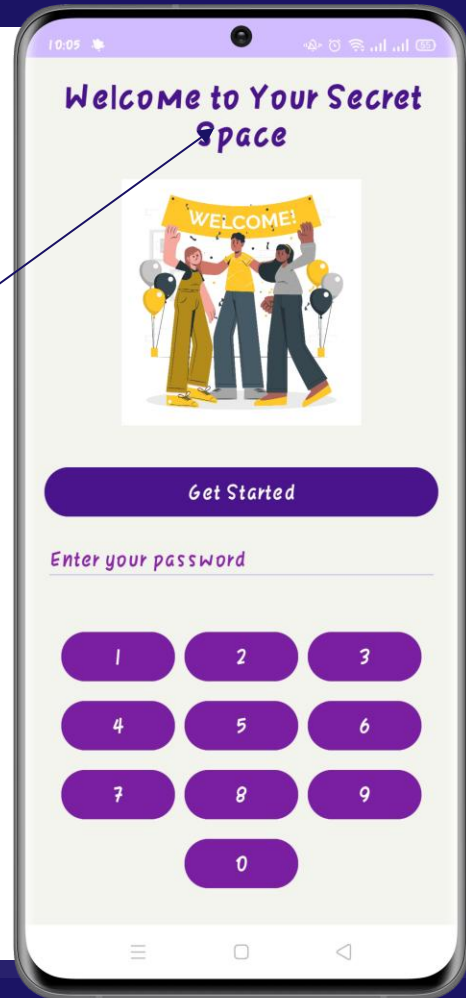
**android:text="Welcome to Your Secret
Space"**

android:textSize="30sp"

android:textColor="#084a80"

android:gravity="center" />

- **Usage:** Shows the app's main heading in bold, centered text.

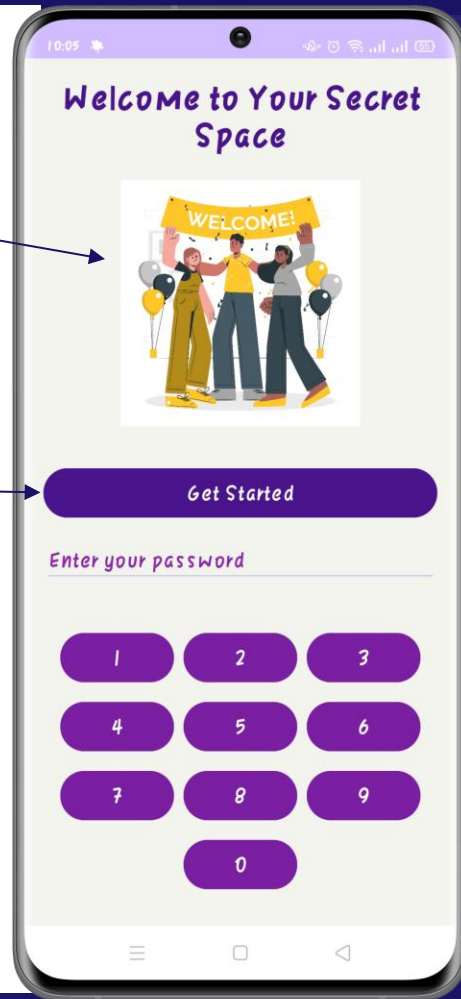


<ImageView

```
android:id="@+id/welcomeImage"  
android:layout_width="200dp"  
android:layout_height="200dp"  
android:layout_gravity="center_horizontal"  
android:layout_marginTop="20dp"  
android:src="@drawable/ic_welcome" />
```

<Button

```
android:id="@+id/startButton"  
android:layout_width="match_parent"  
android:layout_height="wrap_content"  
android:layout_marginTop="30dp"  
android:backgroundTint="#4A148C"  
android:fontFamily="sans-serif-medium"  
android:text="Get Started"  
android:textColor="#FFFF"  
android:textSize="18sp" />
```

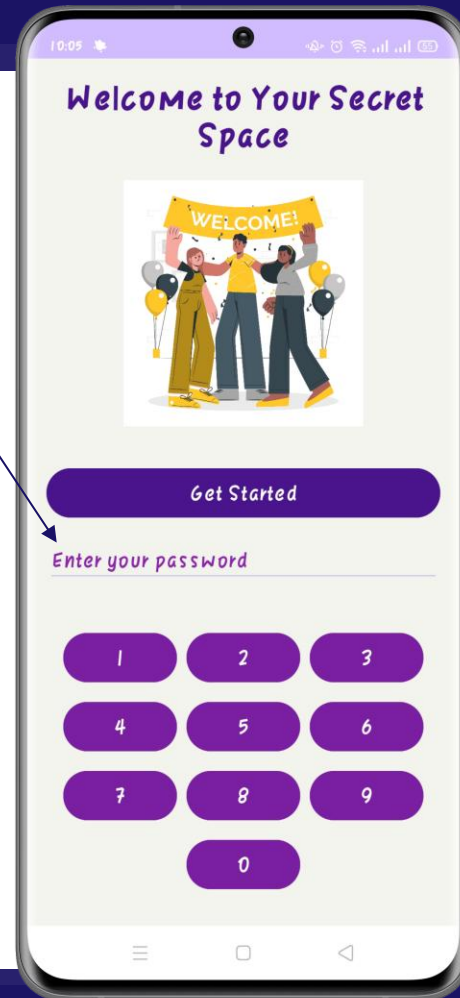


Password Bar

<EditText

```
    android:id="@+id/passwordBar"  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"  
    android:layout_marginTop="10dp"  
    android:backgroundTint="#D1C4E9"  
    android:fontFamily="sans-serif-light"  
    android:hint="Enter your password"  
    android:inputType="textPassword"  
    android:textColor="#4A148C"  
    android:textColorHint="#8E24AA"
```

/>

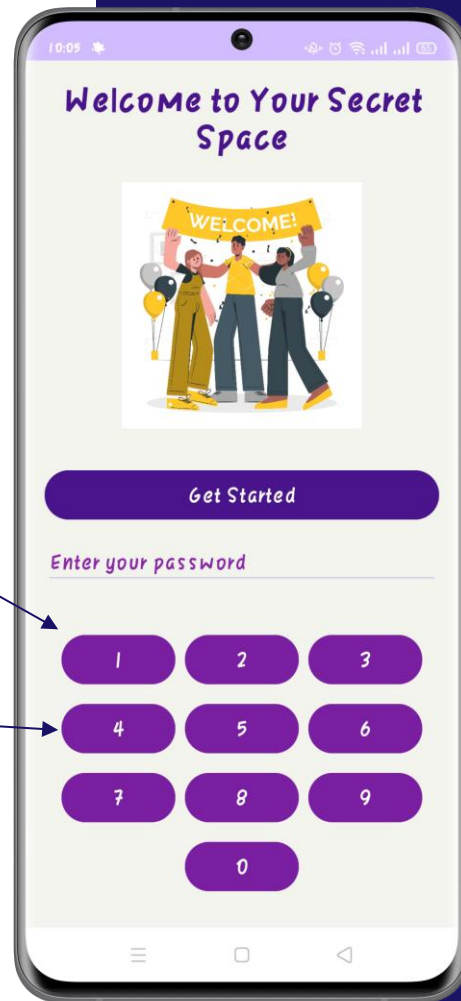


<GridLayout

```
android:id="@+id/numericKeypad"  
android:layout_width="match_parent"  
android:layout_height="wrap_content"  
android:layout_marginTop="20dp"  
android:columnCount="3"  
android:padding="10dp"  
android:rowCount="4">
```

<Button

```
android:layout_width="0dp"  
android:layout_height="wrap_content"  
android:layout_columnWeight="1"  
android:layout_margin="4dp"  
android:backgroundTint="#7B1FA2"  
android:text="1"  
android:textColor="#FFFFFF"  
android:textSize="18sp" /> and so on.....
```



Activity 2:

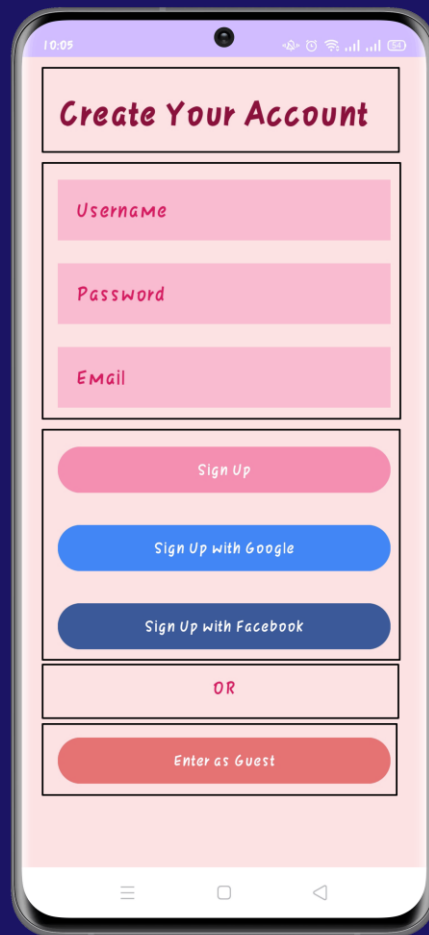
TextView

EditText

Buttons

TextView

Button



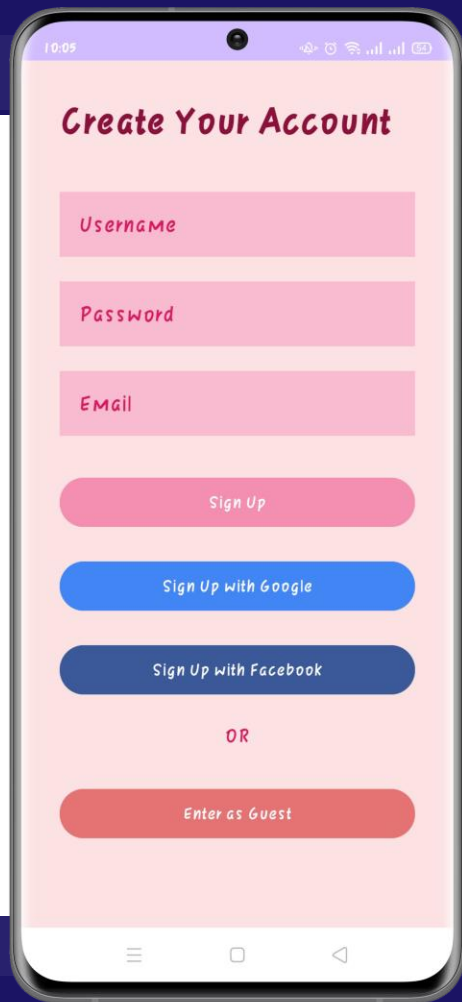
ScrollView for Content Overflow

- Used to make the layout scrollable on smaller screens.

<ScrollView

```
android:layout_width="match_parent"  
android:layout_height="match_parent">
```

Purpose: Ensures all content fits within the view, even on smaller screens.



Background Color Customization

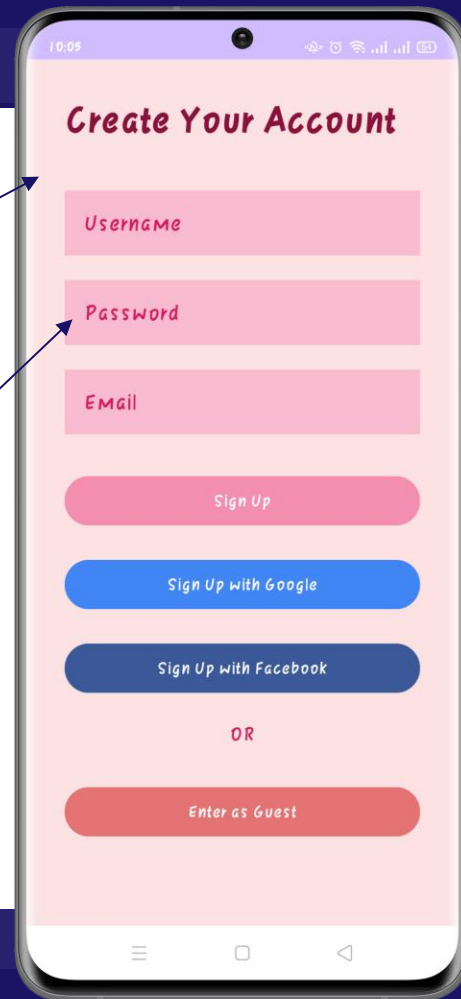
- Sets a soft background color for the app.

`android:background="#F3F4ED"`

•**Purpose:** Subtle color for a relaxing and easy-to-read interface.

Password Input (EditText)

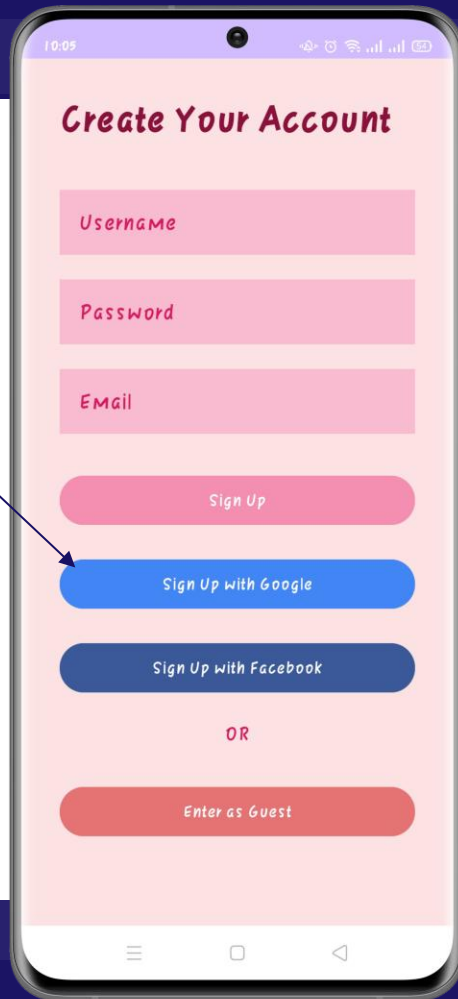
```
<EditText android:id="@+id/passwordBar"  
    android:inputType="textPassword"  
    android:hint="Enter your password" />
```



Sign Up with Google

<Button

```
    android:id="@+id/signInWithGoogle"  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"  
    android:text="Sign Up with Google"  
    android:textColor="#FFFFFF"  
    android:backgroundTint="#4285F4"  
    android:layout_marginBottom="20dp"/>
```



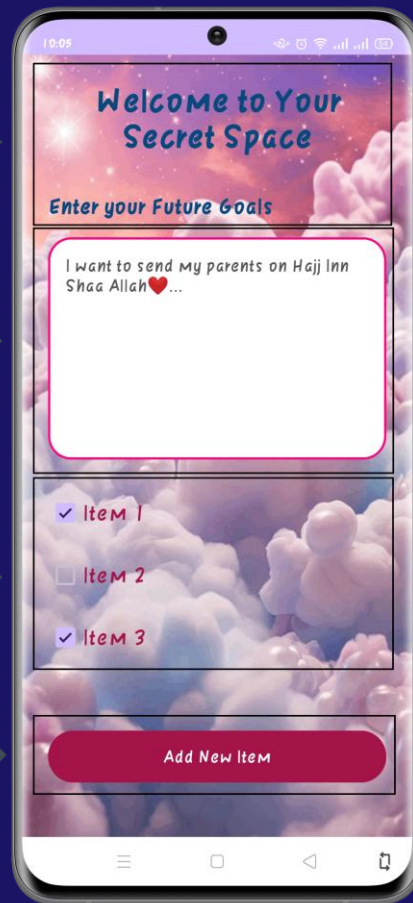
Activity 3:

TextView

EditText

CheckBoxes

Button



<EditText

android:id="@+id/secretsBox"

android:layout_width="match_parent"

android:layout_height="200dp"

android:background="@drawable/rounded_box"

android:text=""

android:inputType="textMultiLine"/>

<shape

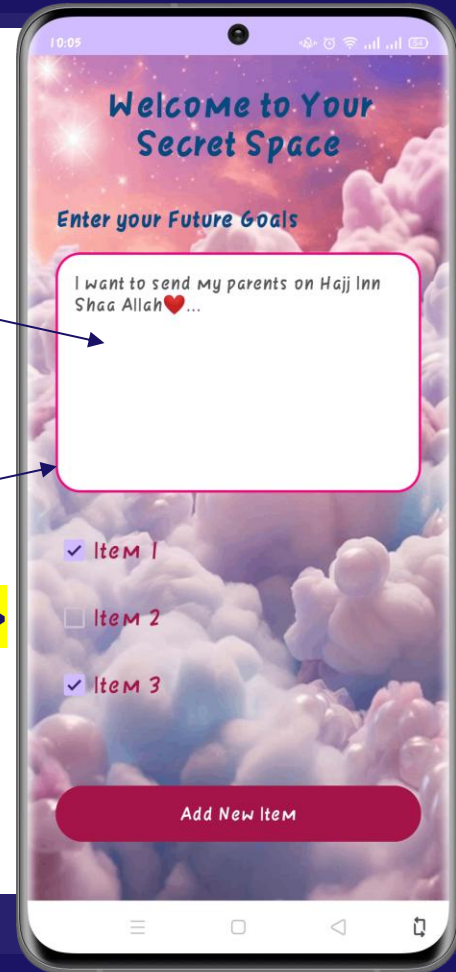
xmlns:android="http://schemas.android.com/apk/res/android">

<solid android:color="#FFFFFF"/>

<corners android:radius="20dp"/>

<stroke android:color="#ff0082" android:width="2dp"/>

</shape>



To-Do List Section (CheckBox)

Users can add and check off tasks.

<CheckBox

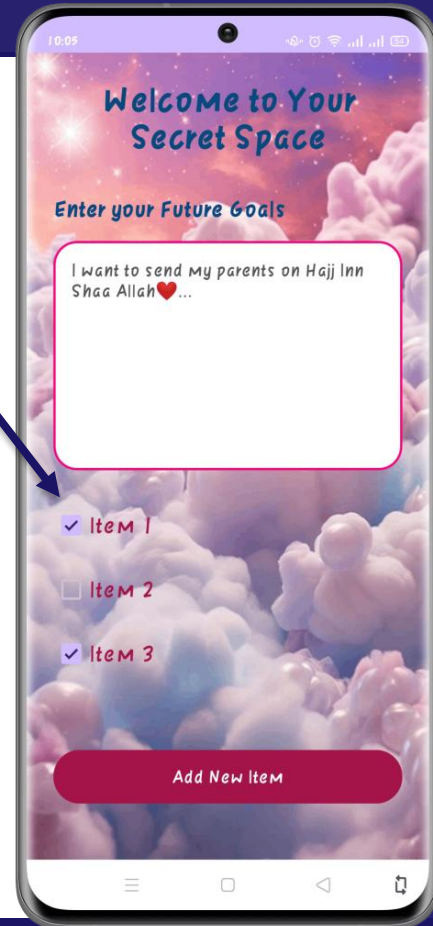
android:id="@+id/todoItem1"

android:text="Item 1"

android:textColor="#a41449"

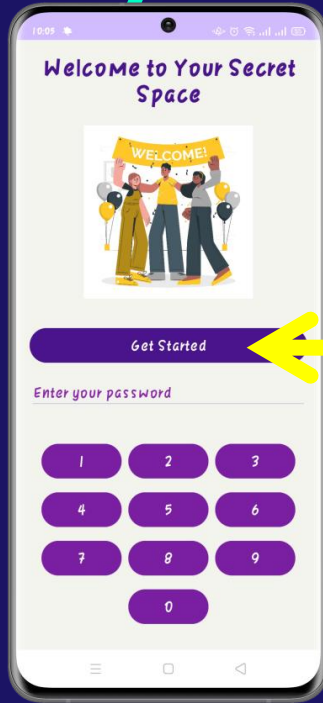
/>

•**Purpose:** Interactive checkboxes for to-do list functionality.



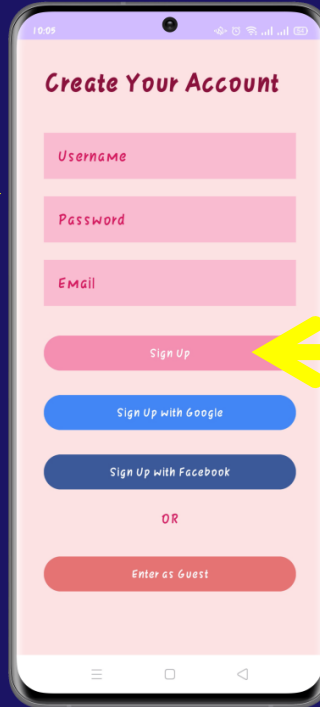
Activity Linking

Activity 1



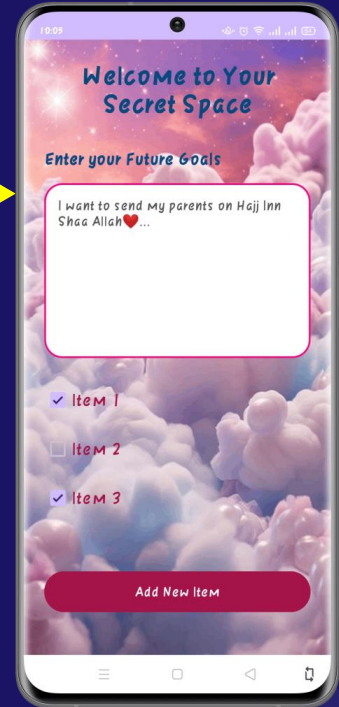
Activity 1 is a welcome screen titled "Welcome to Your Secret Space". It features an illustration of three people holding a "WELCOME!" sign. Below the illustration is a purple "Get Started" button. At the bottom, there is a text input field labeled "Enter your password" and a numeric keypad with buttons for digits 1 through 9 and 0.

Activity 2



Activity 2 is a registration screen titled "Create Your Account". It contains three text input fields for "Username", "Password", and "Email". Below these fields are four buttons: a pink "Sign Up" button, a blue "Sign Up with Google" button, a dark blue "Sign Up with Facebook" button, and a red "Enter as Guest" button. The text "OR" is centered between the social media buttons and the "Enter as Guest" button.

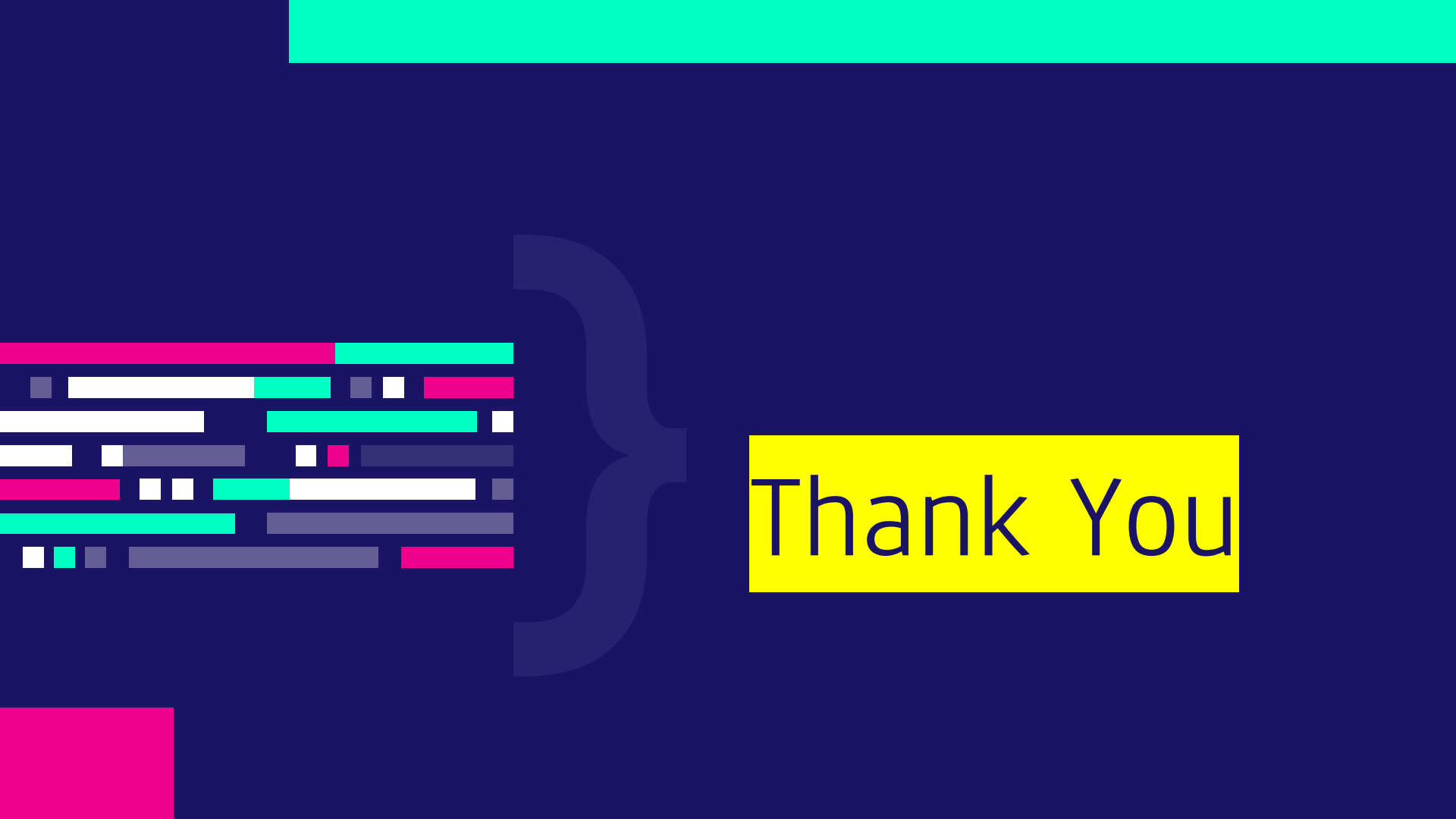
Activity 3



Activity 3 is a dashboard screen titled "Welcome to Your Secret Space". It features a "Enter your Future Goals" section with a text input field containing the text "I want to send my parents on Hajj Inn Shaa Allah...". Below this is a list of items: "Item 1" (checked), "Item 2" (unchecked), and "Item 3" (checked). At the bottom is a red "Add New Item" button.

Click on
"Get Started"
to visit 2nd activity

Click on
"Sign Up"
to visit 3rd activity



Thank You