

# TECHX 3.0 ASSIGNMENT

## APP DEVELOPMENT ASSIGNMENT 2

### ASSIGNMENT OVERVIEW:

We are aiming to make a boilerplate structure for a notes app, we are not targeting a full fledged notes app but some of the very basic features like taking input from the user, displaying the notes, adding new notes and deleting old notes and showing a title of the app at top.

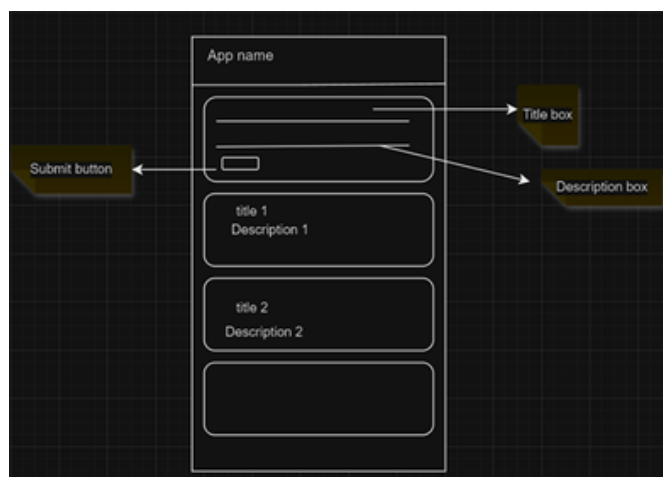
Note that we will not be storing the notes in the mobile's memory, i.e., when the app closes all the notes will also disappear.

### STRUCTURE OF APP

At top we will show name of the app

Then a box will have two text field for user input, one for title of note and one for description, followed by a button to save these values

Then we will display all of the notes saved by the user along with some predetermined values.



1. Download the android studio with help of 1st resource
2. Complete the 2nd resource and try making structure of a single note, modify it however you want. In this you have to make a composable function which takes two parameter, title and description and then show them on screen in a box. Make the title appear to have larger size than description.
3. Now make another composable function with which you will take user input and store them in an array.
4. Now use scaffold's method to make a top bar
5. Now make a function which accepts an array of notes and then display them using a lazylist
6. Now in the area that is using lazylist add composable to get user input but find a way to make sure that this composable is always visible on screen and doesn't move by swiping
7. Now, get all these functions to work together and you are all done
8. You have made your very own project and now eligible to get your certificate

This is what your app will look like:

[App video Link](#)

You can get your certificates from this only but if you liked doing what you are doing you can go ahead and more features to it

Modify the way you take input from user, get input in a separate screen and use a floating action button

You can also store data locally on your device by using DBMS systems like Room Database

If you want to go ahead and make it even more complex you can make these notes available on different devices via syncing with a server

If you wish to add these features in your app then complete the initial setup and get a guide from us after submission to add more features and also you can get source code if you want for complete app for reference.

## RESOURCES

1. [Resource Link 1](#)
2. [Resource Link 2](#)
3. [Resource Link 3](#)