

Android Task List - 1

Task 1:

Make an image viewer App that loads images into an ImageView (using Glide or Picasso) and images change in the ImageView on click of a next button and previous button. The order in which images appear should be fixed. Use animations for incoming and outgoing images. Link for Images:

<https://i.pinimg.com/originals/d0/63/1e/d0631e3f92c15e0d514970f3a7ab3b38.jpg>

<https://i.pinimg.com/originals/a4/89/b8/a489b87aeed18a1dd8d742465aaf2326.jpg>

https://www.ecopetit.cat/wp-content/uploads/2015/04/454542_zoro-one-piece-art.jpg

<https://www.writeups.org/wp-content/uploads/2015/04/1chigo-Kurosaki-Bleach-Shonen-Jump-c.jpg>

Deadline: Wednesday, 25 March 2020

Task 2:

Make an application having a button for each of the following operations:

- Date Picker: Selected date becomes the text of the button
- Custom Alert dialog (Don't use inbuilt ones)
- Snackbar: Display random text
- Toast: Display random text
- Progress bar: Use the custom library mentioned below. (The progress bar must stop after 5 sec. Use countdown timer)

Deadline: Monday, 30 March 2020

External Library for progress bar:

<https://github.com/81813780/AVLoadingIndicatorView>

Task 3:

Make a notes app using **Shared Preference**. The app should have three activities. The first activity should have a **RecyclerView** containing a list of titles and 2-3 lines of description of each note and a **FloatingButton** that is used to add a new note. The second activity consists of two Textview, one for Title and another for description stored in note and is activated by clicking an item in the recycler view of the first one (use **Card Views**). The

third activity consists of two EditText one to set title of new Note and another to set description of notes, a save Button and get activated on clicking the floating button.

Deadline: Friday, 10 April 2020

Task 4:

Make a quiz app of 10 questions where the questions are fetched from the firebase database (Refer Meme-O-Mania app for quiz UI. Leave the ImageView). Provide options for Email SignUp/Login, Facebook SignIn and GMail SignIn. Every question node must have 6 subnodes: 1 for question, 1 for correct choice and 4 for the 4 choices.

Deadline: Monday, 20 April 2020

Basic Guidelines:

- Be as innovative as you can for the UI elements. No restrictions.
- Refer to professional applications or other sources for UI assistance.
- **Adhere to the deadline.**
- Prefer to ask your doubts on the group itself. Your doubts could be someone else's doubt as well.
- Upload your code on the Github repo. (Details and guidelines will be provided shortly).
- Upload a screen recording of the app on the group.
- More tasks will be uploaded soon.