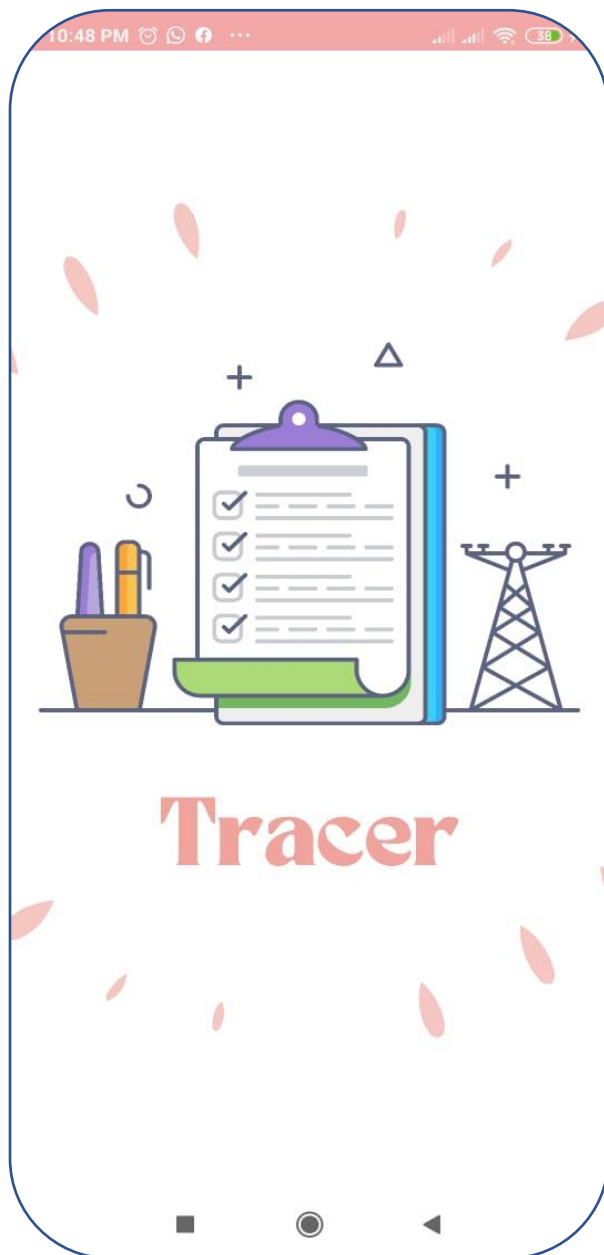# Tracer

ITI Summer Training Program

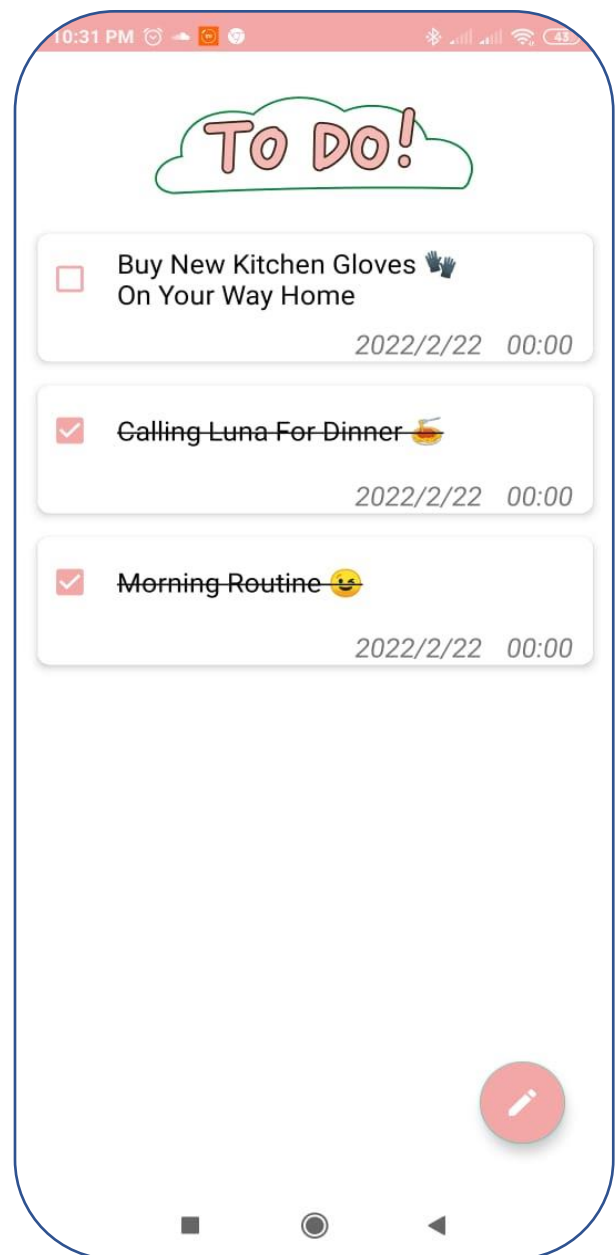*Android Development Track Final Project*

– By. Mohamed Salah Sayed –

About Project:

"Tracer" is a simple To-do App with useful features like adding deleting or editing notes, with the ability to add timed notifications and priority color code
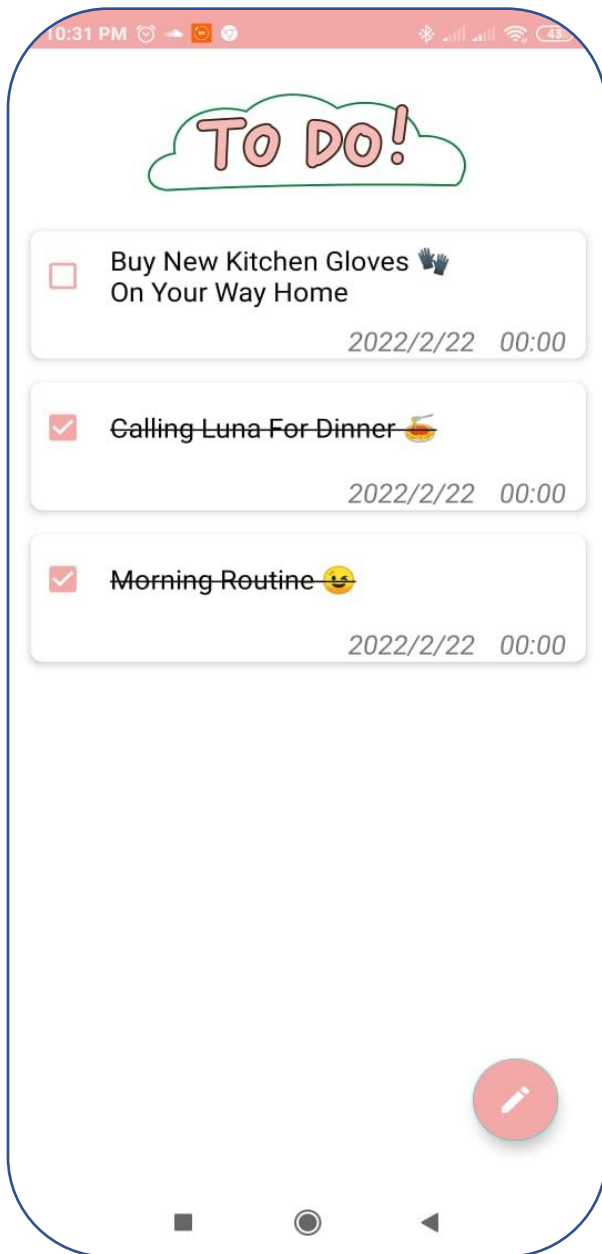
Splash Screen   Main Layout
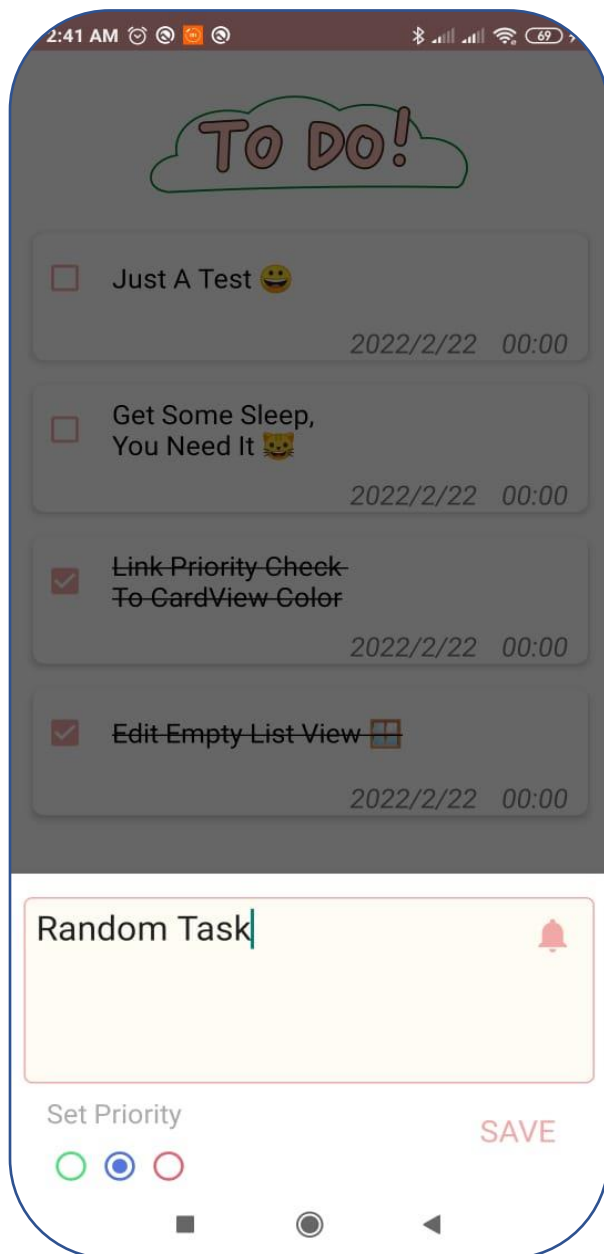
Project Features:

- ## The Main Screen

The Main Layout consists of a "RecyclerView" that implements "CardView" inside..

The Main also contains a Header "ImageView" and a "FloatingActionButton"

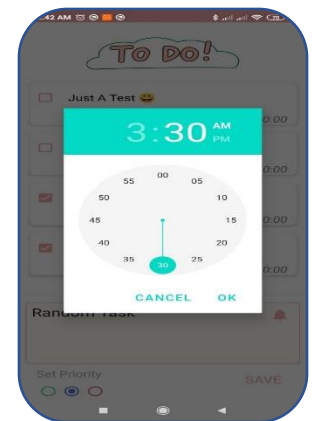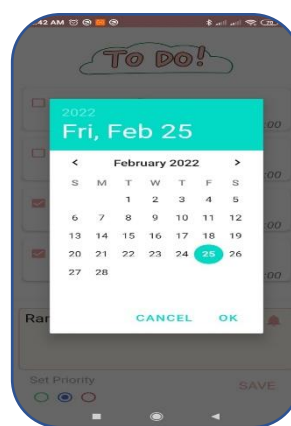The card_view simply contains a "CheckBox" used for marking tasks as complete

When checked a

"StrikeThroughPaintFlag" is activated to mark completed tasks.

• Adding New Tasks

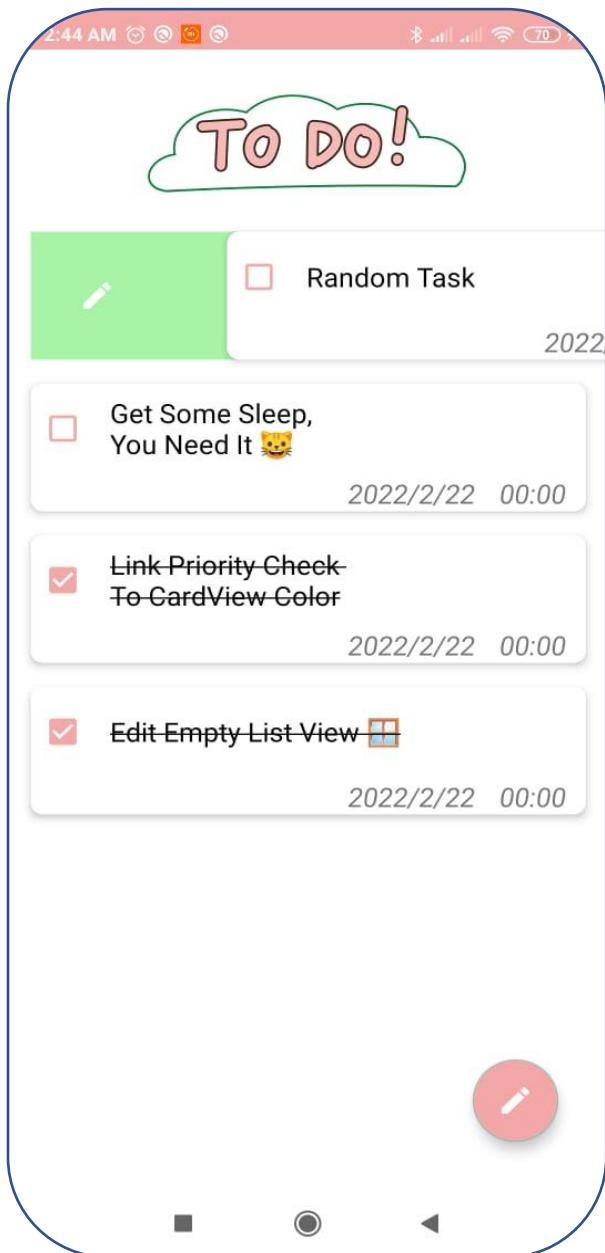Using the "FloatingActionButton" On the main_layout the user Enters a "DialougeInterface" Window that allows him to:

- Enter the text of the task

- Set priority through a "RadioButtonGroup" view (opt.)

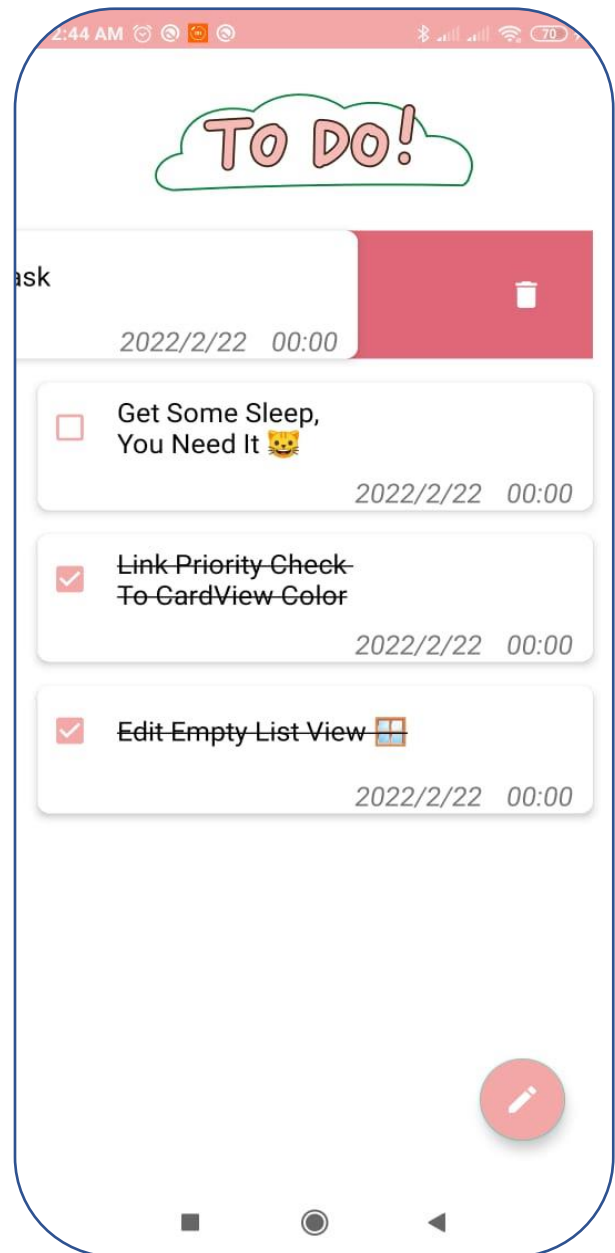- Set notification date and time through a Material Date/Time Pickers (opt.)

- And finally, "Save" the task to the data base.

- ## Editing and Deleting Tasks

Swiping Right

Swiping Left

By implementing "ItemTouchHelper" class user can swipe left and right to edit or delete tasks from the database.

Project Resources & Links:

Here are some of the external libraires and repository used in the app:

- JitPack 1.0.1
  https://jitpack.io

- NotifyMe Library By: jakebonk
  https://github.com/jakebonk/NotifyMe

- MaterialDateTimePicker By: wdullaer
  https://github.com/wdullaer/MaterialDateTimePicker

Project Share Link

https://drive.google.com/drive/folders/1zaWTzSIqxusNAUNzQx2dckxjvwv1pVGv