EVENTS APP: Brief Documentation

# Flow of the app:

When the app starts, the SPLASHSCREEN ACTIVITY is launched. A thread is set into the splashscreen activity. The thread will be executed and then a sleep function will put to sleep further execution for 3 seconds (3000 miliseconds) and after that MainActivity will start.

# MainActivity:

Main Activity has seven fragments. One unique fragment each day.

But all the Fragments have same XML Layout: fragment\_main.xml

SunFragment: for Sunday, layout :

MonFragment: for Monday

TueFragment: For Tuesday

WedFragment: For Wednesday

ThuFragment: For Thursday

FriFragment: For Friday

SatFragment: For Saturday

A custom listview adapter is coded for the Events. Each Fragment has the same functionality but the only difference is of the *day name.* In each fragment a different day name is passed to the database function to fetch events matching the *day name.*

The result received is stored into respective *ArrayLists*  and the arraylists are then passed to adapter.

# Events Custom adapter and listview layout.

Adapter: **MyAdapter**

Layout: custom\_list\_view\_row.xml

# Single Event:

When an event is clicked so another *SingleEvent* activity starts. It has 2 fragments:

1. SingleEventFragment: in which the event details are displayed. Its layout is: *fragment\_single\_event*
2. EventNotesFragment: in which the notes of the selected event are displayed. Its layout is : *fragment\_event\_note.xml*

# Editing Event:

When the edit icon in the SingleEvent activity is clicked. So, the *EditEvent* activity starts.

--- NOTE: ---

*You must choose color while editing an event.*

# Deleting Event:

When the delete icon is clicked so a dialog is showed for confirmation. Deleting an event will delete all its notes too.

# Adding note to an event:

When the plus icon is clicked in the SingleEvent Activity so *AddNote* Activity starts. When note is added so it is displayed under Notes tab.

When a singleNote is clicked so *singleNote* activity starts. In this activity the current/clicked note can be deleted and edited.

# Editing note:

When edit is clicked in the singleNote activity so *EditNote* activity notes.

# Searching:

When search icon is clicked, a date selector dialog options appear. When date is selected and ok is pressed so the selected date is passed to a function declared in the **DbHelper** class and the result is then displayed into *Search* activity.