

### Homework 3 (Due date 26.10.2018)

Implement an app to accept the hours, minutes and seconds from the user and start a counter from specified time down to 0:0:0. The program has 3 activity. The layout of main activity can be as Figure 1.

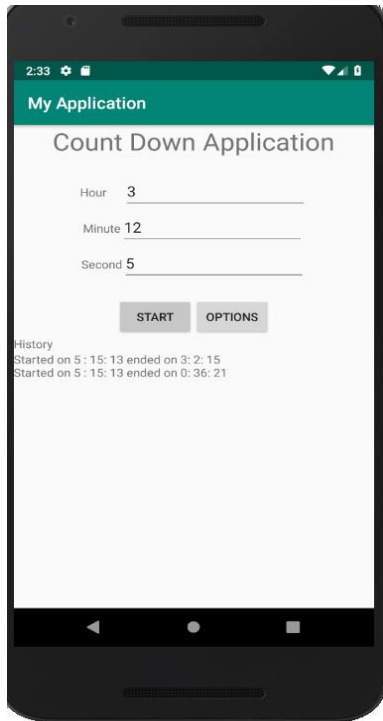


Figure 1: Main Activity.

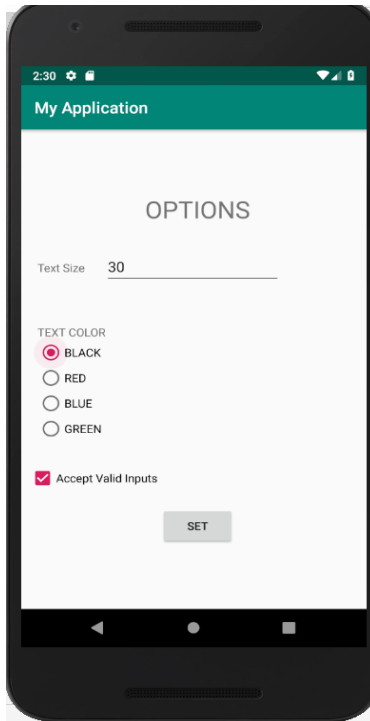


Figure 2: Options Activity.

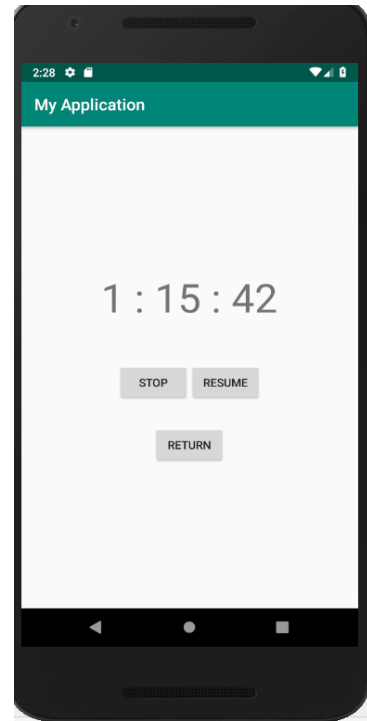


Figure 3: Counter Activity.

By tapping on the Option button the user can set the color and font size of counter and force the programs to accept valid numbers for minute and second fields. (Valid inputs for minute and second is in the range of 0-60). The layout of Options activity can be as Figure 2.

By tapping on the Start button the counting is started in the third activity (Figure 3). User should be able to stop and resume the counter. By tapping on the Return button the Counter Activity is closed and a line information about counting is added to the history on the Main Activity. History section should has scrollbar to see all histories.

Activates should use intents and putExtra, getExtra methods to exchange information. Figure 4 shows the flow of information exchange between the Activities:

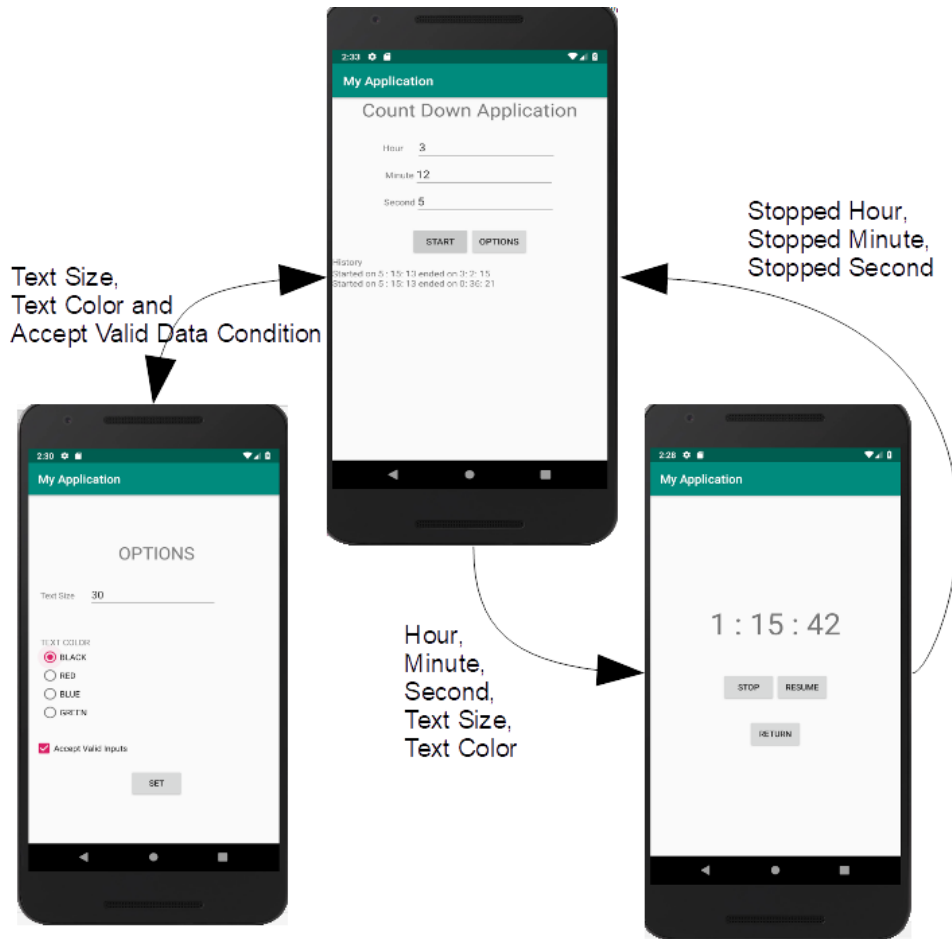


Figure 4: Exchanged information.