



## Homework 5

Due by Mar 27 Friday 16:30

Subject: **Database**

In this assignment you will write a **To-Do-List Android app** that will utilize the techniques you learned in the last two weeks (ch10 of the textbook).

Your app should save the to-do-list on your Android devices SQLite database. App should do the following:

1. When first started it will show a list of 3 categories (tabs): **Short term, Mid term, Long term**. Each tab should show the number of to-do-items that are not marked as completed on the header such as "Short term (15)". Short term list should be open with the top 5 to do items (or whatever fits to the screen) and the other tabs should be closed. There should be a "more" link and when pressed on it will show more to do items in that category (e.g. next 5 items) and so on.
2. (Edit) When you press on a to-do-item, you can go to edit mode, edit the item and when pressed on somewhere else the item will be saved to the database.
3. (Add) On each tab there will be a + icon, when pressed on it a blank item will be added to the top of the list and you can edit and save (like in edit step above).
4. (Completed) On the left of the item there will be check box, and when clicked on it the item will be marked as completed (strike through the text).

## Deliverables:

1. Submit a zip file named **firstname-lastname-hw#.zip** containing the following:
  - a. A document showing the screenshots of the emulator or the device for the app (ToDoListApp). Name the document as **firstname-lastname-hw#.pdf**. For example erdogan-dogdu-hw5.pdf. Document should have a header like the following:

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Name: **Firstname Lastname**

- b. ToDoListApp project directory (including bin, gen, src, res, etc.)
2. Submit your homework to [bil425bahar14@gmail.com](mailto:bil425bahar14@gmail.com) by email w/ subject header "[BiL425] HW5" and email attachment **firstname-lastname-hw#.zip**.