Assignment 1 Report

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This assignment is to build a to do list app. And I finish the requirements list in the assignment.

First, user can add items by clicking the add button, which includes two contents, one is the title and the other is the description. The ADD button always stay at the end of the screen no matter how many items are in the to do list.

If the user clicks the existing item for a long time, this item will be deleted right away. And every time the user clicks the ADD button, it will not only create a new item in the to do list, but create a text file in the cellphone which contains every existing items in the to do list.

In order to build these functions, I use two editText to get the input of the title and description. And I use a listview to show the list of the existing task items. The add button uses a button to make it. To make the item more clearly, I use a another layout file to show the title and description.

To save the text file when click the ADD button, I add this function in the onClick method of MainActivity. First it will create a txt file named dates.txt and it will write title and description of the existing tasks one by one. Every task holds a line. It stops when every task has been written or an exception happened.

The onBackPressed method is used to keep the content when the app terminates. When user reopen it from another app, the content will not lose and the user can keep editing with the former content.