Open-Source Software Practice
Assignment 3

Instructor: Jaemin Jo (`jmjo@skku.edu`)

November 14, 2022

Project Description

Let's improve `SKKU-Todo`. Use the skeleton code: `https://github.com/e-/skku-todo-2/blob/main/index.html`.
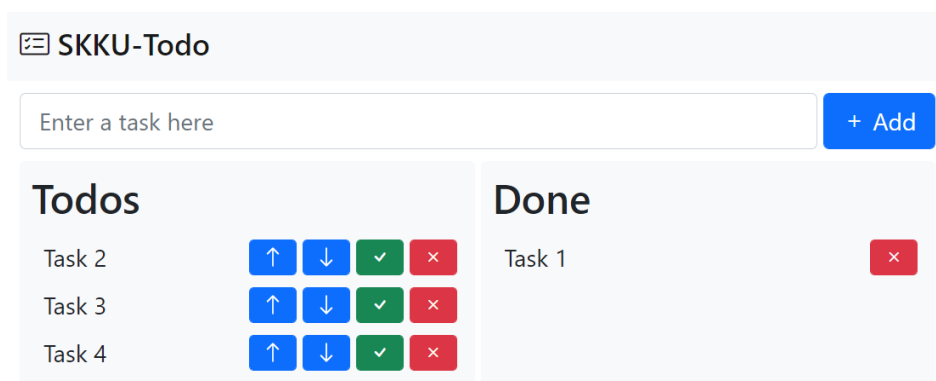

Figure 1: The SKKU-Todo Interface

1 Add a Keyboard Shortcut (20 pts)

Allow the user to add a task by pressing the Enter key (ASCII code 13) in the input box. After the task is added, the input box should be cleared. If the user entered nothing in the input box, ignore the Enter key.

Hint: Add an event handler to the input box for *keyup* events.

2 Reorder Tasks (50 pts)

Allow the user to change the order of to-do tasks by clicking on the two arrow buttons next to the task names (blue buttons with arrows in Figure 1). There must be two buttons for each to-do task, with each moving the task upward or downward, respectively. The program state

should change; if the user changes the order, it must be preserved when the user re-launches the app.

You can ignore the events if the user clicks on the "up" button for the first to-do task or the "down" button for the last to-do task.

3 Implement Mark-as-Done (30 pts)

Implement the mark-as-done buttons (green buttons in Figure 1) in the Todos list. When the user clicks on a mark-as-done button, the corresponding task should be removed from the Todos list and appended to the end of the Done list. In addition, the program state should change; if a task is marked as done once, the task should appear in the Done list when the user re-launches the app.

Hint: Search the skeleton code for "/* TODO */". Fill in the event handler. You don't have to code a lot.

4 Submission

The due is **Dec 5th, 23:55 KST**. Modify the skeleton code and upload a single HTML file, *index.html*. A report is **NOT** required.

5 Copyright

You will hold the copyright of your work. I will not copy/redistribute/modify your work except for the grading.