

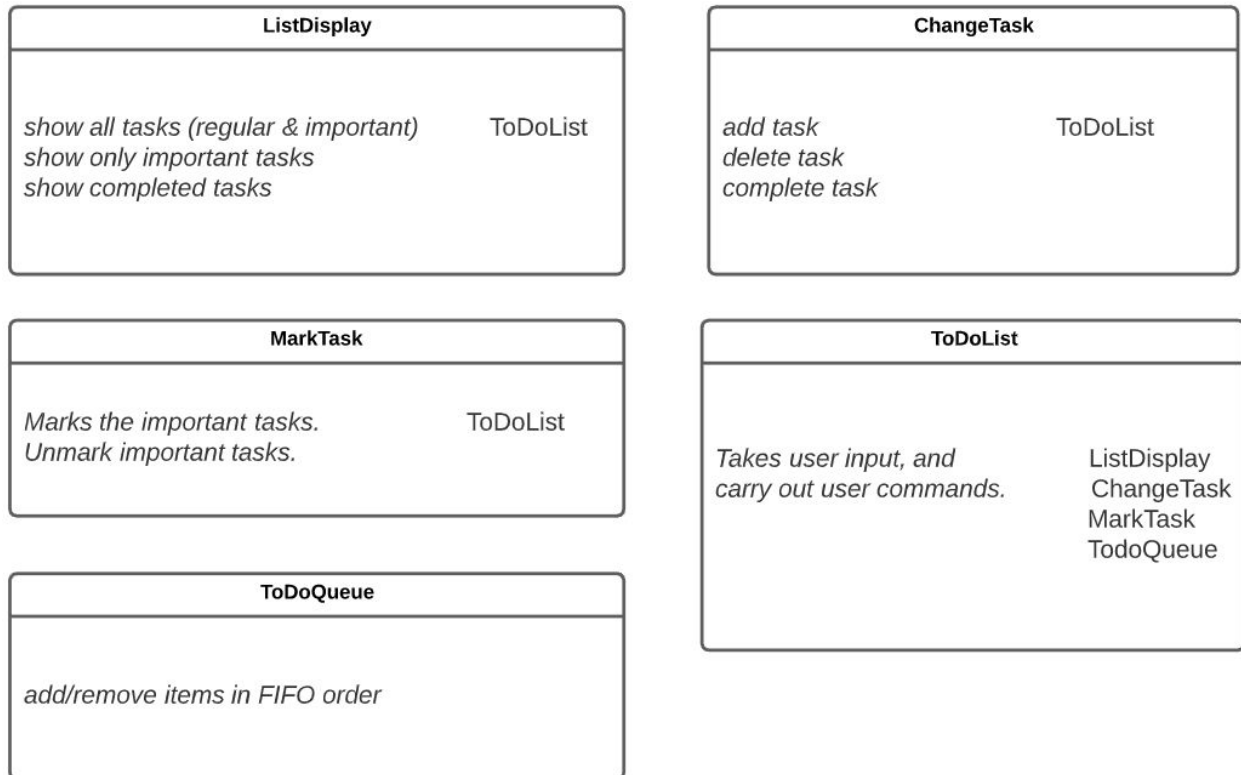
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CS 151 Homework 2

Part One: CRC Cards



Part Two: Use Cases

1. Add important task
 - a. User enters input in the command line to update the To Do list.
 - b. User is then shown a menu with a list of options to update the To Do list. The menu shows the following options:
 - Press 1 to change a task.
 - Press 2 to add a task

Press 3 to delete a task.

Press 4 to display To Do list

- c. User selects add task
- d. User inputs task
- e. User marks task as important

2. Display completed tasks

- a. User enters input in the command line to update the To Do list.
- b. User is then shown a menu with a list of options to update the To Do list. The menu shows the following options:

Press 1 to change a task.

Press 2 to add a task.

Press 3 to delete a task.

Press 4 to display To Do list

- c. User selects display To Do list
- d. User is shown another menu of options to show tasks. The menu shows the following options:

Press 1 to show all tasks (regular and important).

Press 2 to show important tasks.

Press 3 to show completed tasks.

- e. User selects show completed tasks
- f. Completed tasks are displayed

3. Change a task on To Do list

- a. User enters input in the command line to update the To Do list.
- b. User is then shown a menu with a list of options to update the To Do list. The menu shows the following options:

Press 1 to change a task.

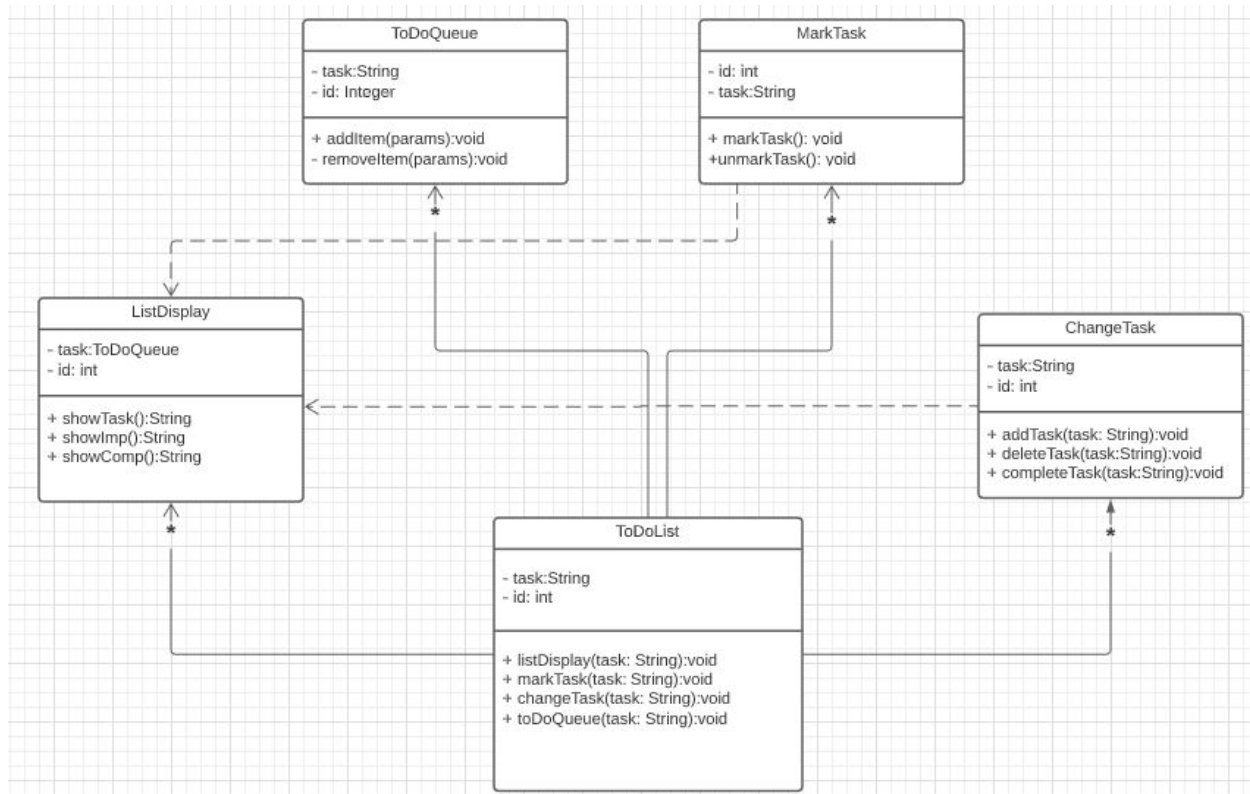
Press 2 to add a task.

Press 3 to delete a task.

Press 4 to display To Do list

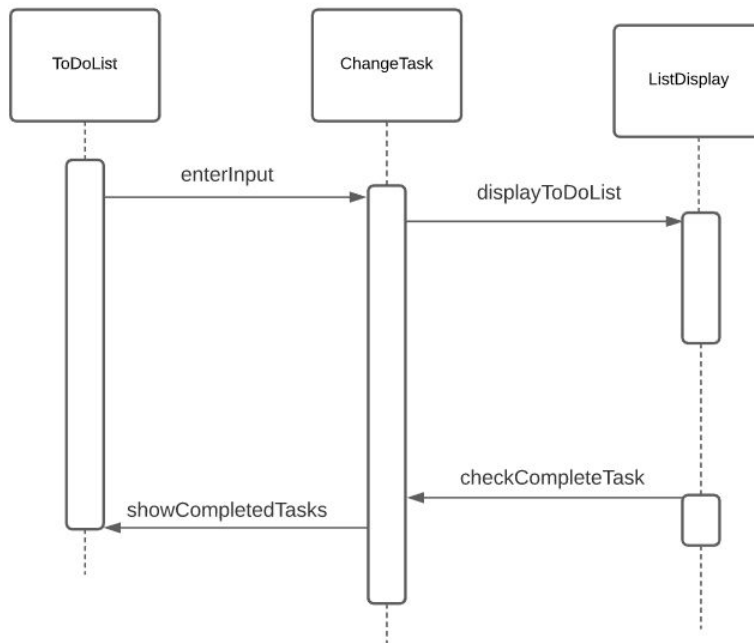
- c. User selects option 1 to change a task.
- d. User is then shown the current list of tasks
- e. User selects a task to change
- f. User inputs new task

Part Three: UML Diagram

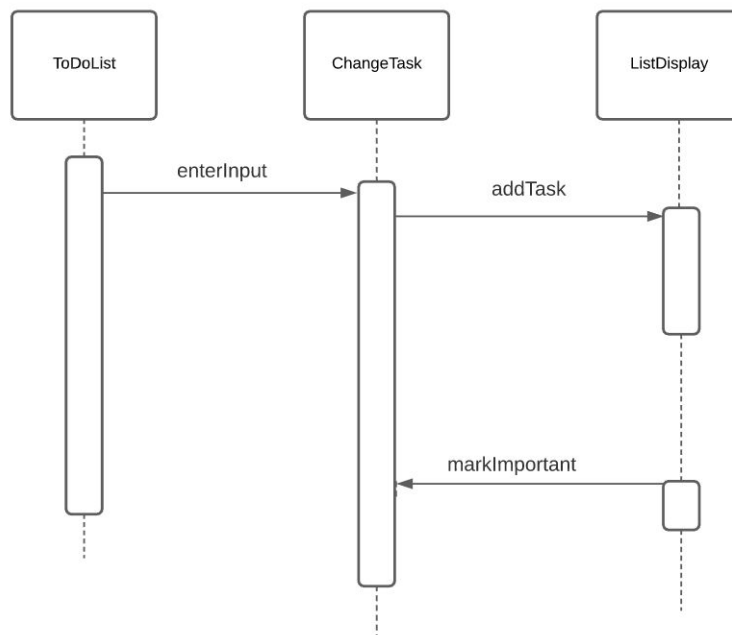


Part Four: Sequence Diagram

Display Completed Tasks



Add Important Task



Part Five: State Diagram

