

Individual Project



Photo by [Glenn Carstens-Peters](#) on [Unsplash](#)

Todo List

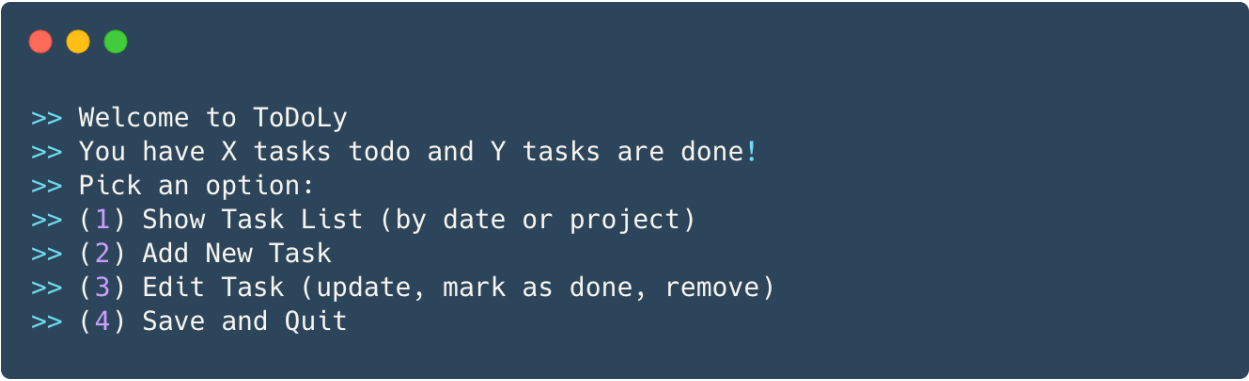
Project Specification

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Project Brief

Your task is to build a **todo list application**. The application will allow a user to create new tasks, assign them a title and due date, and choose a project for that task to belong to. They will need to use a text based user interface via the command-line (hint: see BlueJ World of Zuul project for some ideas on this). Once they are using the application, the user should be able to also edit, mark as done or remove tasks. They can also quit and save the current task list to file, and then restart the application with the former state restored. The interface should look similar to the mockup below:

A terminal window mockup with a dark blue background and three colored window control buttons (red, yellow, green) in the top left corner. The text inside the terminal is white and shows the application's startup sequence and menu options.

```
>> Welcome to ToDoLy
>> You have X tasks todo and Y tasks are done!
>> Pick an option:
>> (1) Show Task List (by date or project)
>> (2) Add New Task
>> (3) Edit Task (update, mark as done, remove)
>> (4) Save and Quit
```

Requirements

The solution must achieve the following requirements:

- Model a task with a task title, due date, status and project
- Display a collection of tasks that can be sorted both by date and project
- Support the ability to add, edit, mark as done, and remove tasks
- Support a text-based user interface
- Load and save task list to file

The solution may also include other creative features at your discretion in case you wish to show some flair. (but this will not affect the default evaluation. See Requirement checklist file)

Schedule (Same as Money tracking)

Date	Deliverable
Mon, Sep 28, 2020	1. MODULE INFORMATION RELEASED <ul style="list-style-type: none">▸ Module description▸ Specifications and Schedule▸ Requirement checklist 2. MENTORS ASSIGNED
Fri, Oct 9, 2020	MIDPOINT REVIEW <ul style="list-style-type: none">▸ Using requirement checklist
Fri, Oct 23, 2020	MIDPOINT REVIEW <ul style="list-style-type: none">▸ Using requirement checklist