

## ToDoLy User Manual

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The application has 4 menus:

The 1st menu that appears when the App starts

```
#####
>> Welcome to ToDoLy
>> You have 7 tasks todo and 0 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
>>
```

A menu that appear when wanting to list the Tasks (1st option of the 1st menu)

```
#####
>> Pick an option:
>> (1) Show Task List Ordered by Due Date
>> (2) Show Task List Filtered by Project
>>
```

A menu that appear when wanting to edit a Task (3st option of the 1st menu)

```
#####
>> Pick an option:
>> (1) Update Task Status
>> (2) Update Task Title
>> (3) Update Task Due Date
>> (4) Update Task's Project Name
>> (5) Remove Task
>>
```

And finally a menu that list all actions that can be done in this application

```
#####
>> You have 7 tasks todo and 0 tasks are done!
>> Pick an option:
>> (1) Show Task List Ordered by Due Date
>> (2) Show Task List Filtered by Project
>> (3) Add New Task
>> (4) Update Task Status
>> (5) Update Task Title
>> (6) Update Task Due Date
>> (7) Update Task-project Name
>> (8) Remove Task
>> (9) Save and Quit
>>
```

This last menu will appear after every action taken in the app.

A Task is displayed in this way:

```
Task [11] "the title of the task"
      Due Date: 2019-03-15   Status: To Do   Project: [8] "the name of the project"
```

The word Task

The ID of the Task in between square brackets

The Title of the Task

The Due Date of the Task (YYYY-MM-DD)

The Status of the Task (To Do - Done)

The Project of the Task ( Project ID in between square brackets followed by the Project Name)

- The Due Date can not be before to the current date from the system clock in the default time-zone.
- The Task Title and the Project Name can not be just numbers, and they must have a min length of at least 2 chars.
- When changing the Project Name of one Task, this Task will be moved to that Project.
  - When the written Project Name is a new one (there was not projects with that Name) a new Project is created.
  - When a Task is moved to another Project, the previous Project is removed if is empty (It is not possible to have empty Projects).
  - A Task can only be moved to another Project if this Project have a Task with the same Title already.
- Tasks with the same Title are allowed as long as they belong to different Projects.
- When a Task is removed, the previous Project to which it was belonging will be removed as well if it does not have any other Task (It is not possible to have empty Projects).

There is a limit of Tasks and Projects that can be created imposed what is the Maximum Integer Value possible ( $2^{31}-1$ ).

In that case The application can be runned in a new folder and it will create a new file where the list of Tasks will be stored.

Another option would be to erase the ToDoLy.ser file holding the status of the application.