Taskmaster

Purpose

The purpose of this project is to create a simple and easy-to-use task management app (To-do list) using Golang and the Bubble Tea framework. The app works in a terminal-based user interface (TUI), allowing users to manage tasks easily using simple keyboard commands.

Features

1. Add Task

- **Functionality**: Allows users to add a new task to the list.
- **Interaction**: Press `a` to enter task input mode, type the task name, and confirm with `Enter`. The new task is added to the task list.

2. Delete Task

- **Functionality**: Removes a selected task from the list.
- **Interaction**: Navigate to the desired task using `↑` / `↓` and press `d` to delete it. The task is permanently removed.

3. Mark Task as Done/Undone

- **Functionality**: Toggle a task's status between "done" and "not done."
- **Interaction**: Navigate to a task and press `m` to toggle its status. Tasks marked as done are visually distinguished with `[x]`.

4. Undo/Redo

- **Functionality**: Revert or reinstate recent changes to the task list.
- **Interaction**: Press `u` to undo the last action or `r` to redo an undone action.

5. Save Tasks to File

- **Functionality**: Automatically saves tasks to a file (`tasks.json`) after every change.
- **Persistence**: Tasks remain saved across sessions, allowing users to pick up where they left off.

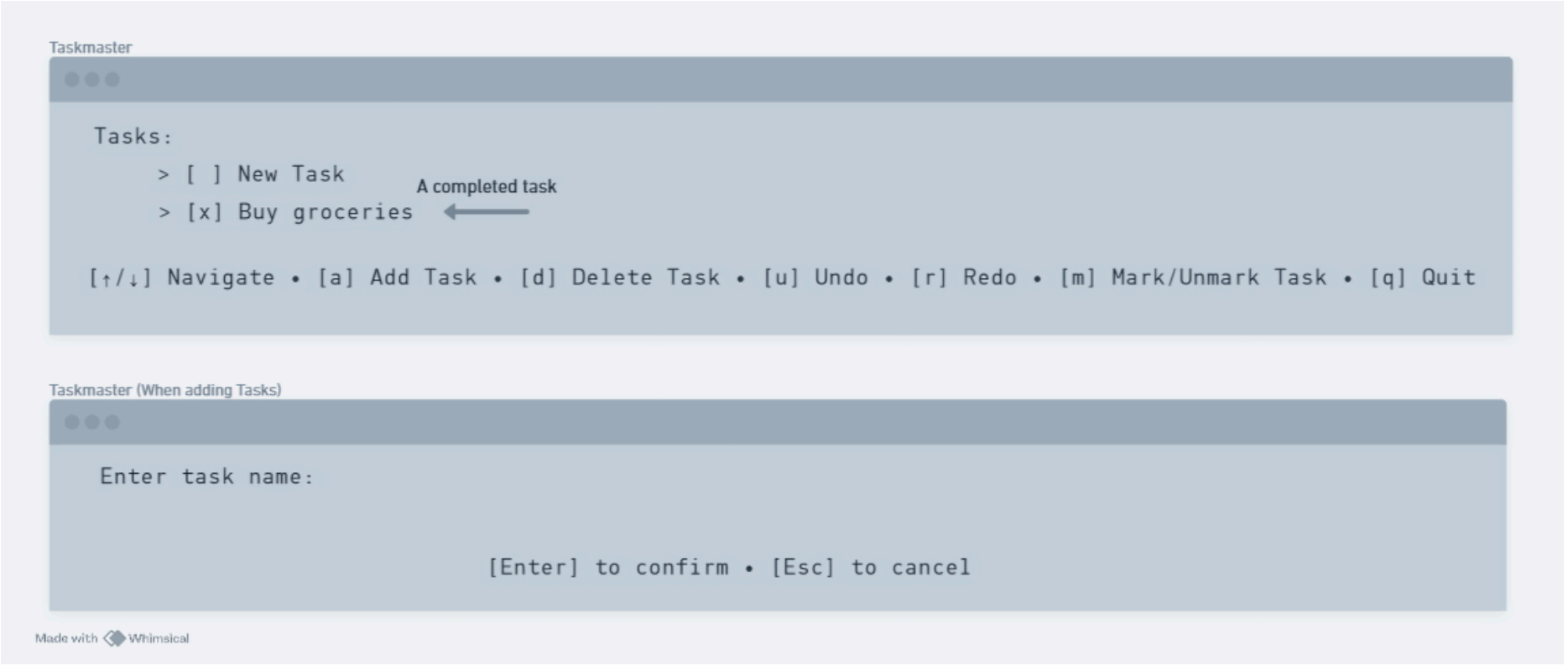
6. Terminal-Based User Interface

- **Functionality**: The entire application runs in a clean, distraction-free terminal interface.
- **Ease of Use**: Intuitive keyboard controls for navigation and task management.

7. Quit

- **Functionality**: Exits the application gracefully.
- **Interaction**: Press `q` to quit. All changes are saved automatically before exiting.

Prototype



https://whimsical.com/taskmaster-QVjAcsiCTmfdE238EAnixJ (Prototype Link)