

Signature:
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TITLE OF THE PROJECT PROPOSAL

Task Manager Command Line Application

PROBLEM DOMAIN & MOTIVATIONS

We are human, so we forget things. We need to take notes to keep track of our tasks. A task manager can ensure each task completes within the given timeline. As programmers, we spend a lot of time on the terminal or command line, so a command-line task manager application will help us manage our tasks without leaving the terminal.

OBJECTIVES/AIMS

With the task manager application we will be able to do the following things:

- Create new projects
- Add tasks to a specific project
- Add repeating tasks that can be repeated daily, weekly or monthly.
- Mark the task as completed or unfinished
- Remove a task
- List all tasks to be completed today, tomorrow or of a specific date.
- List all the tasks
- List all tasks of a specific project
- Search tasks for matching string
- View specific tasks
- Remove projects with all tasks associated with it.
- Remove all completed tasks

TOOLS & TECHNOLOGIES

This project will be built using the C programming language, and to keep the state of the application persistent, we will save the state as text documents to the file system.

CONCLUSION

This application will be useful to keep track of our task and also can be used to check our class routine quickly and easily from the command line interface.