



Project Proposal

Only for course Teacher						
		Needs Improvement	Developing	Sufficient	Above Average	Total Mark
Allocate mark & Percentage		25%	50%	75%	100%	25
Problem understanding & Analysis	7					
Implementation	8					
Report writing	10					
Total obtained mark						
Comments						

Semester: Fall 2023

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Student ID: 221-35-902

Batch: 37

Section: E

Course Code: SE-221

Course Name: Object oriented design

Course Teacher Name: Akash Ghosh

Designation: Lecturer

Submission Date: 22 /11/2023

Task Master

Introduction

TaskMaster is a Java-based console application designed to efficiently manage tasks, deadlines, and priorities. In today's fast-paced world, time management and task organization are pivotal. TaskMaster addresses these needs by providing a robust, user-friendly platform for organizing and tracking tasks effectively.

Why TaskMaster: In a world inundated with numerous tasks and commitments, having a centralized and accessible tool for task management becomes crucial. TaskMaster offers a simple yet powerful solution for individuals seeking a method to streamline their daily activities. Its console-based interface ensures accessibility across various systems without the need for complex installations, making it a versatile choice for anyone seeking a dependable task organizer.

Key Features

Secure Login: To ensure data privacy and exclusivity, TaskMaster employs a secure login system, allowing authorized access through username and password authentication.

Task Addition: Users can effortlessly add new tasks, specifying task names, deadlines, and priorities. The system records these details for seamless organization.

Deadline Management: TaskMaster allows users to set task deadlines in a string format (e.g., "23 November, 2023"). The application then calculates and displays the remaining time until the task deadline, aiding users in prioritizing their activities effectively.

Priority Setting: Users can assign priorities (on a scale of 1-low | 2-Medium | 3-High) to their tasks. TaskMaster organizes tasks based on their priority levels, ensuring high-priority tasks are easily accessible and visible.

Task Completion and Deletion: Upon task completion, users can mark tasks as done, removing them from the active list. Additionally, the application provides the functionality to delete tasks if required.

Data Persistence: TaskMaster ensures data persistence by saving task details to a file upon program exit. This feature enables users to resume their task management seamlessly upon subsequent logins.

TaskMaster aims to be a dependable, user-centric application, providing an efficient solution for organizing tasks, managing deadlines, and prioritizing activities. Its straightforward interface and essential yet powerful features make it an indispensable tool for anyone seeking effective task management.