



Task Management System.

TaskMaster

About Us

We introduce the "Task Tracking Management System" designed to help organizations improve project management and productivity. It emphasizes the challenges in managing projects and offers a user-friendly solution with real-time collaboration features. The application is suitable for various industries and caters to project managers, department heads, and company executives. It highlights its features like project timelines, task tracking, and resource management, inviting users to explore its potential for enhancing project management efficiency.





Abstract Data Type used

FIRST IN FIRST OUT (FIFO) / QUEUE



Company **TechMach Innovations, LLC**



TechMach Innovations, LLC. is a manufacturing company specializing in industrial machinery and equipment. They face challenges related to managing manufacturing projects and optimizing productivity due to their diverse product lines and numerous projects. The main challenges include a lack of task organization, leading to disorganization and workflow bottlenecks, and an ongoing issue with maintaining high productivity and resource efficiency across different projects and teams.



Statement of the Problems

1.Lack of Task Organization: The absence of a centralized system for task management leads to disorganization, hampering project coordination and progress tracking.

2.Lack of Productivity and Efficiency: Suboptimal resource allocation, lack of productivity tools, and inefficient workflows contribute to reduced productivity and overall efficiency.



Scope and Limitations

Scope

The application will cover task organization, deadline management, and productivity enhancement features. It will be accessible to project managers, team members, and clients for collaboration. Customizable reports and forms will be available to suit different project requirements. Integration with existing enterprise systems for seamless data exchange.

Limitations

The application's effectiveness relies on accurate input and adherence to project management best practices.



Conceptual Framework

The conceptual framework involves the design and integration of task management, deadline tracking, and productivity enhancement modules within the Project Management and Task Tracking Application. It comprises task assignments, progress tracking, resource allocation, and performance monitoring.



Objective

1. **Task Organization:** Create a centralized task organization module for improved coordination and workflow visibility.
2. **Productivity and Efficiency:** Enhance productivity and efficiency by streamlining workflows, and enabling real-time performance tracking.



Adrian Satentes 

Hezron A. Nallos 

Thank You

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