

GRASPEAR SOLUTIONS

Candidate Name: Jananipriya.M

Task Name: Task Management System

TASK MANAGEMENT APPLICATION DOCUMENTATION

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1.Introduction:

This document serves as the official documentation for the Task Management Application. It provides an overview of the application's features, installation instructions, usage guidelines, and future development plans.

2.Features:

- **Task Creation:**

Employers can create new tasks.

Specify task details such as name, description, deadline, priority, etc.

Validate input fields to ensure required information is provided.

- **Task Listing:**

Display a list of all tasks.

Show relevant details for each task, such as name, description, deadline, priority, etc.

Provide options to filter tasks by various criteria (e.g., status, priority, category).

- **Update Task Status:**

Allow users to update the status of tasks.

Options to mark tasks as in progress, completed, or pending.

- **View Task Details:**

Allow users to view detailed information about individual tasks.

Display task details including description, deadline, assigned employees, etc.

Show task history and updates.

- **Notification:**

Notify users about task updates, changes in status, or new assignments.

Send notifications via email, in-app messages, or other preferred communication channels.

Allow users to manage notification preferences.

3.Technologies Used:

Frontend : Vue.js

4.Installation:

- Clone the repository from the Github.
- After Cloning unzip for usage.

5.Usage:

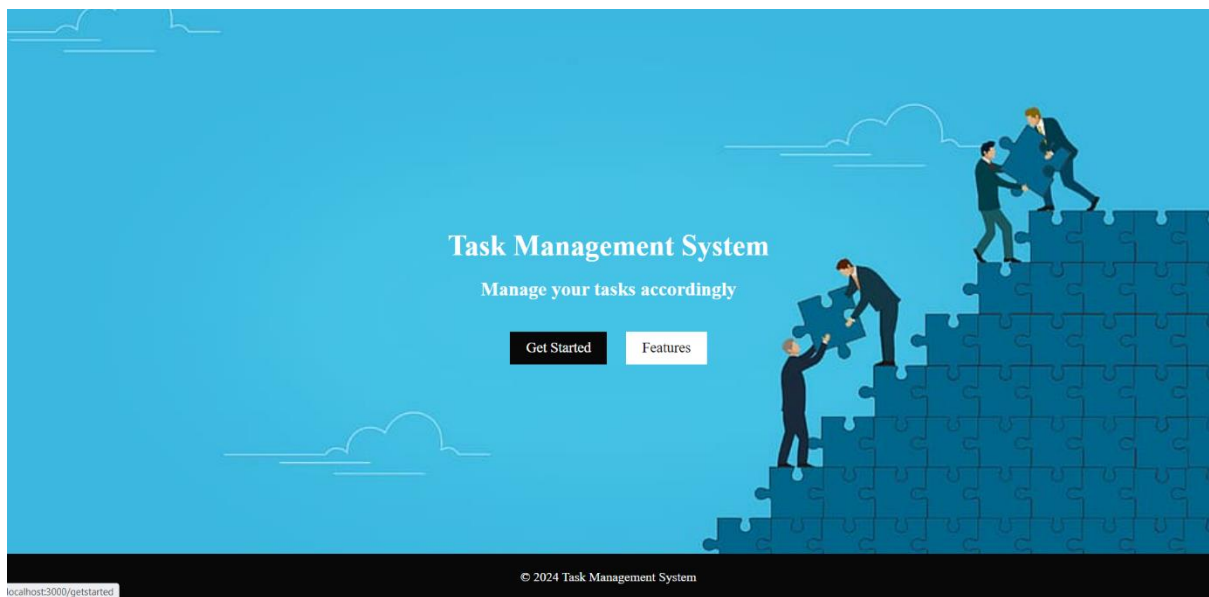
To get started:

- cd Task-Management-Application
- npm run dev

To build and start for production:

- cd Task-Management-Application
- npm run build
- npm run start

6.Screenshots:





Employee

Organize your tasks, collaborate with colleagues, know updates.

[LOGIN](#) [SIGNUP](#)

Employer

Assign tasks, track progress, and manage your team efficiently.

[LOGIN](#) [SIGNUP](#)



Employee Login





[SIGN IN](#)



Create your account







[SIGN UP](#)



Employer Login

 Personal Email

 Password

SIGN IN



Create your account

 Name

 Email

 Password

SIGN UP

Here is listed all the features that I made in this application for your reference.Because without backend integration it sounds not looks good for visit all the page.

Task Listing
View all tasks in one place

Task Creation
Create new tasks and assign them

Employee Dashboard
View the Dashboard of employee here

Employer Dashboard
View the Dashboard of employee here

Employee Profile

Name: Robin

Email: robin@example.com

Actions

VIEW TASKS

UPDATE STATUS

VIEW REPORTS

Notification

A new task has been created for you.

Task List

Filter by Status

Filter by Priority

Task 1

Description of Task 1

Due Date: 2024-03-17

Status: Pending

Priority: High

View

Edit

Delete

Task 2

Description of Task 2

Due Date: 2024-03-18

Status: Completed

Priority: Medium

View

Edit

Delete

Update Task Status

Select Task



Select Status



UPDATE STATUS



Recent Reports

Report 1
2024-03-20

VIEW

Report 2
2024-03-21

VIEW

Report 3
2024-03-22

VIEW

Report 4
2024-03-23

VIEW

Profile

Name: John Doe

Email: john@example.com

Actions

Create Task

View Reports

Notification

Employee X has updated the project status.

Create New Task

Task Name

Description

Planned Duration (hours)

Planned Time Range

Priority

Select Priority

Due Date

dd-mm-yyyy

Create Task

7.Future Enhancement:

One potential future enhancement for the task management application could be the implementation of advanced task analytics and reporting features. Here's a detailed description of this enhancement:

Enhancement: Advanced Task Analytics and Reporting

Description:

This enhancement aims to provide users with comprehensive analytics and reporting capabilities to gain deeper insights into task management processes, team performance, and project progress. It involves the implementation of various analytical tools and customizable reporting features to track, analyze, and visualize task-related data.

Key Features:

Task Performance Metrics: Track key performance indicators (KPIs) related to task completion rates, average task duration, task distribution among team members, and task priority distribution.

Team Productivity Analysis: Analyze team productivity by monitoring individual and team task completion rates, identifying top performers, and assessing workload distribution across team members.

Task Status Trends: Visualize trends in task statuses over time, such as completed tasks, in-progress tasks, overdue tasks, and pending tasks, to identify patterns and potential bottlenecks.

Task Category Analysis: Analyze task categories or types to identify which areas require more attention, resources, or optimization. This can help in prioritizing tasks and allocating resources effectively.

Task Dependency Visualization: Visualize task dependencies and relationships to understand how tasks are interconnected and identify critical paths in project workflows.

Customizable Reports: Provide users with the ability to generate customizable reports tailored to their specific needs and preferences. Users should be able to select data parameters, filters, and visualization formats to create insightful reports.

Export and Sharing Options: Allow users to export reports in various formats (e.g., PDF, CSV, Excel) and share them with stakeholders, team members, or clients for review and collaboration.

Real-time Dashboards: Implement interactive dashboards that display real-time task analytics and metrics, enabling users to monitor project progress and team performance at a glance.

Github URL: <https://github.com/janu-riya/Task-Management-System.git>

VideoDemoLink: <https://drive.google.com/file/d/1rfFBPPbFXqQbc6KPk01n-Mnqe17dldLQ/view?usp=sharing>