

Software Requirements Specification for Task Prioritization and Management Application

Introduction

The Task Management Application is a tool for employees and managers to effectively prioritize and track their tasks, leading to increased productivity and collaboration within teams. The application will allow managers to assign tasks to employees and offer a priority for each task. Employees will be able to view their assigned tasks and update their progress on a daily basis.

Purpose

The purpose of this document is to specify the requirements for the Task Prioritization and Management Application, which will assist managers in organizing and prioritizing their tasks.

Scope

The scope of this application includes the ability for managers to create and assign tasks to employees, specify criteria for prioritizing tasks, and automatically prioritize tasks based on the specified criteria. Employees will be able to view and update their assigned tasks, as well as add sub-tasks for their own organization. Additionally, employees will be required to provide daily updates on their progress.

Objectives

- Allow managers to assign tasks to employees and offer a priority for each task.
- Enable employees to view their assigned tasks and update their progress on a daily basis.
- Provide a user-friendly interface for employees and managers to interact with the application.
- Increase productivity and collaboration within teams.

Requirements

Functional Requirements:

- Managers should be able to create and assign tasks to employees
- Managers should be able to specify criteria for prioritizing tasks, such as deadline, importance, and complexity
- Managers should be able to see the sub-task of the employee and the advance in his mission.
- The application should automatically prioritize tasks based on the criteria specified by the manager
- Employees should be able to view and update their assigned tasks
- Employees can add sub-tasks for their own organization
- Employees should be required to provide daily updates on their progress, including the amount of work completed and any obstacles encountered

- The application should provide a clear and user-friendly interface for both managers and employees

Non-Functional Requirements:

- The application should be secure, with user authentication and data encryption to protect sensitive information
- The application should be scalable to accommodate a large number of users and tasks
- The application should be reliable, with minimal downtime and robust error handling

Technical

- The application must be built using modern web technologies such as HTML, CSS, React, JavaScript and Firebase.

Conclusion

The Task Management Application will provide a powerful and user-friendly tool for employees and managers to effectively prioritize and track their tasks, leading to increased productivity and collaboration within teams. By allowing managers to assign tasks and offer priorities, and enabling employees to view and update their progress on a daily basis, the application has the potential to improve the overall productivity and success of organizations.

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