



Zeroth Review



Project Management Tool

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Introduction

Software for project planning, scheduling, resource allocation, and change management is known as project management software. It enables cost control, quality management, and document management for project managers (PMs), stakeholders, and users. It may also be used as an administration system. Software for project management is also utilised for stakeholder participation and communication. Project management tools are a collection of software created to assist project teams in project planning, project tracking, and project management in order to meet project goals within a certain time frame. Additionally, it fosters productive teamwork and speeds up tasks so they may be completed within the given deadlines.



Problem Statement

Project management tools are a collection of software created to assist project teams in project planning, project tracking, and project management in order to meet project goals within a certain time frame.

Additionally, it fosters productive teamwork and speeds up tasks so they may be completed within the given deadlines. We made the decision to create a web application using MERN stack to implement the functions listed above.





Features

Project Planning

To define a project schedule, a project manager (PM) may use the software to map project tasks and visually describe task interactions.

Task Management

Allows for the creation and assignment of tasks, deadlines and status reports.

Time Tracking

Software must have the ability to track time for all tasks maintain records for third-party consultants.

Project Planning

- Project planning is part of project management, which relates to the use of schedules such as Gantt charts to plan and subsequently report progress within the project environment. Project planning can be done manually or by the use of project management software.
- These boards provide an immediate snapshot of the project to the team.
- We will have an business template for all type of projects that includes:
 - Software Development Project
 - Marketing Project
 - Migration to other platform project

Task Management

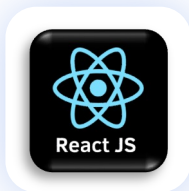
- In project management, a task is an activity that needs to be accomplished within a defined period of time or by a deadline to work towards work-related goals. It is a small essential piece of a job that serves as a means to differentiate various components of a project.
- We will include a separate page for assigning and addressing different tasks in a project
- Team lead will have permission to assign task for individual team member and delete task respectively

Time Tracking

- Time tracking **lets your team record the time they spend working on issues**. you won't lose any existing data if you disable or re-enable it.
- We will implement time tracking by default.
- We can have visual representation for tracking the team progress.



Stack Used



React js

React is a free and open-source front-end JavaScript library for building user interfaces based on UI components.



Node js

Node.js is an open-source server environment. Node.js is a back-end JavaScript runtime environment.



Mongo Db

MongoDB is a source-available cross-platform document-oriented database program. Classified as a NoSQL database program.



Time Line

Designing

UI/UX designing
before 15-01-2023

Integration

Integrating Frontend,
backend, Database before
30-03-2023

Frontend

Implementing Design using
ReactJs before
27-01-2023

Backend

Building Api endpoints and
creating features before
27-02-2023



Thank you

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