

# Task Management System Web Application

Prepared By :Jaimin Gajjar

## Introduction

The Task Management System Web App is a dynamic platform designed to streamline task allocation, tracking, and reporting for both individuals and teams. Built using PHP for backend logic and HTML/CSS/JavaScript for frontend presentation, this system allows users with different roles—such as Admin and User—to interact with tasks effectively.

- Key Features:
- User Authentication (Login/Register)
- Task Assignment and Status Updates
- User Role Management

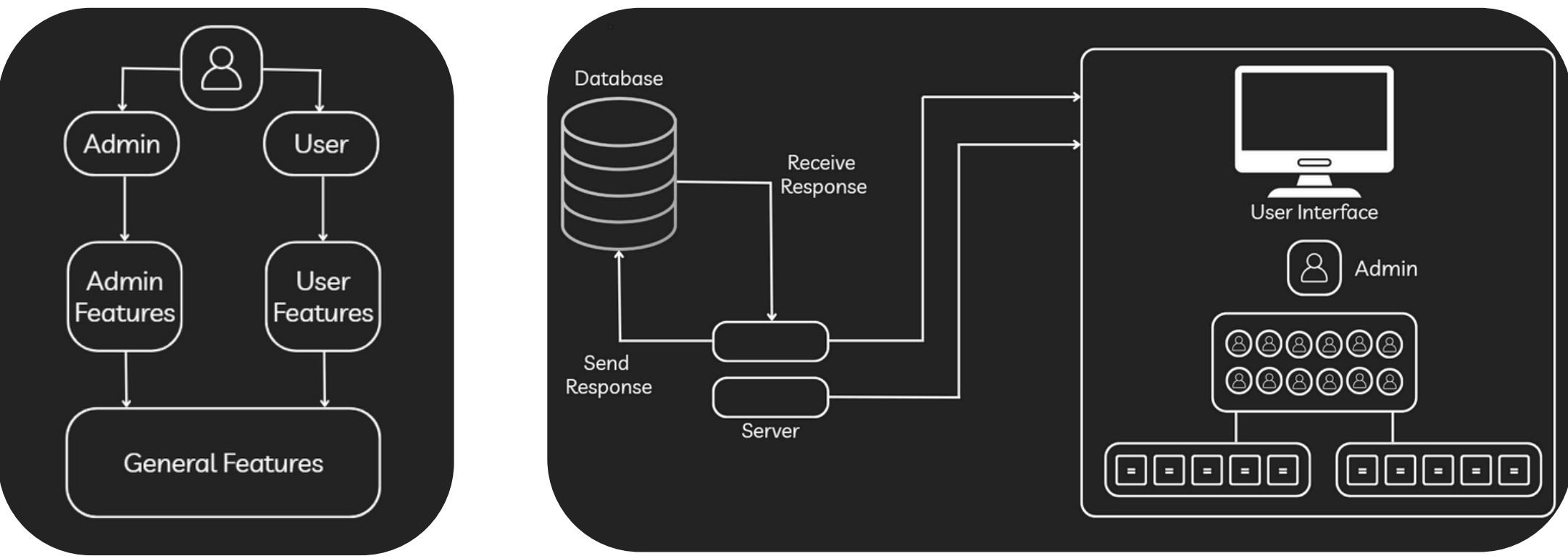
## Problem Definition

- In many organizations, managing daily tasks, responsibilities, and team coordination is chaotic without a proper system. Problems typically include:
- Poor visibility into task progress
- Lack of centralized communication
- Manual tracking and updating
- No clear accountability
- Time-consuming status reports

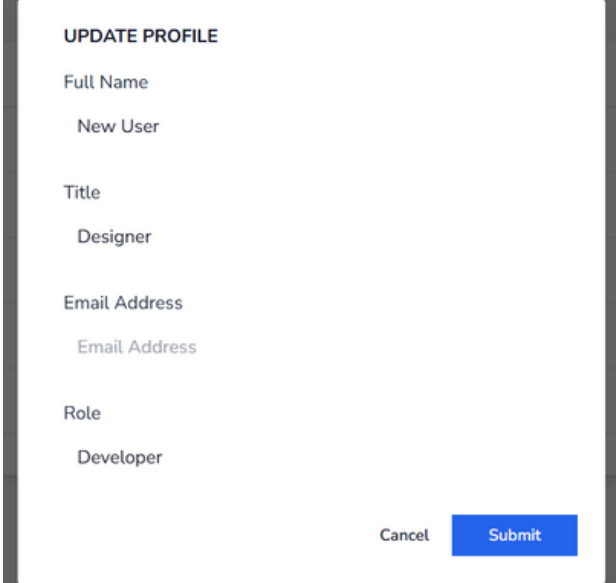
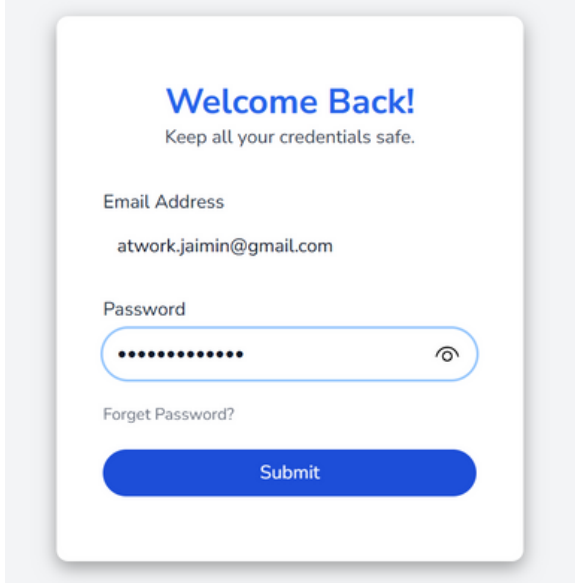
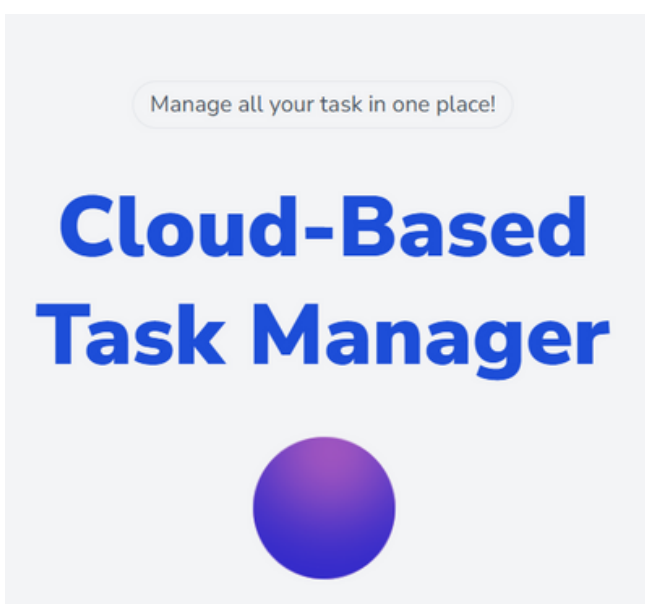
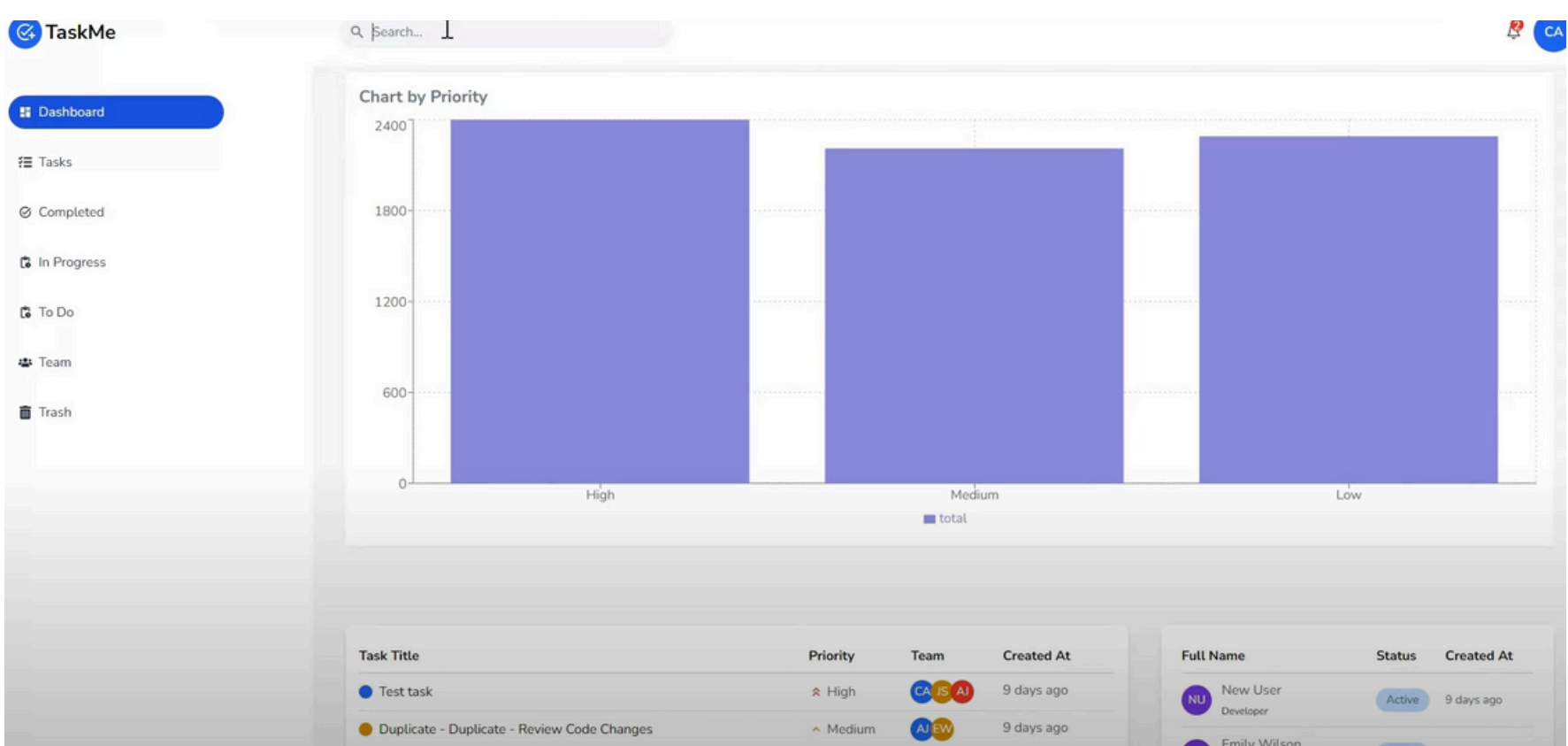
## Literature Survey

Sr No.	Key Insights	Conclusion
1	Existing tools like Trello and Asana offer task management but lack flexibility	Custom solutions provide better control, especially for tailored use cases
2	Most platforms restrict features behind paywalls or subscription models	Building an open, full-stack system avoids cost barriers and improves access
3	Open-source tools offer flexibility but lack modern UX or advanced security	Using the MERN stack allows scalable, secure, and modern app development
4	Real-time updates and role-based access are not standard in basic tools	Integrating Redux and JWT fills this gap with real-time sync and user control

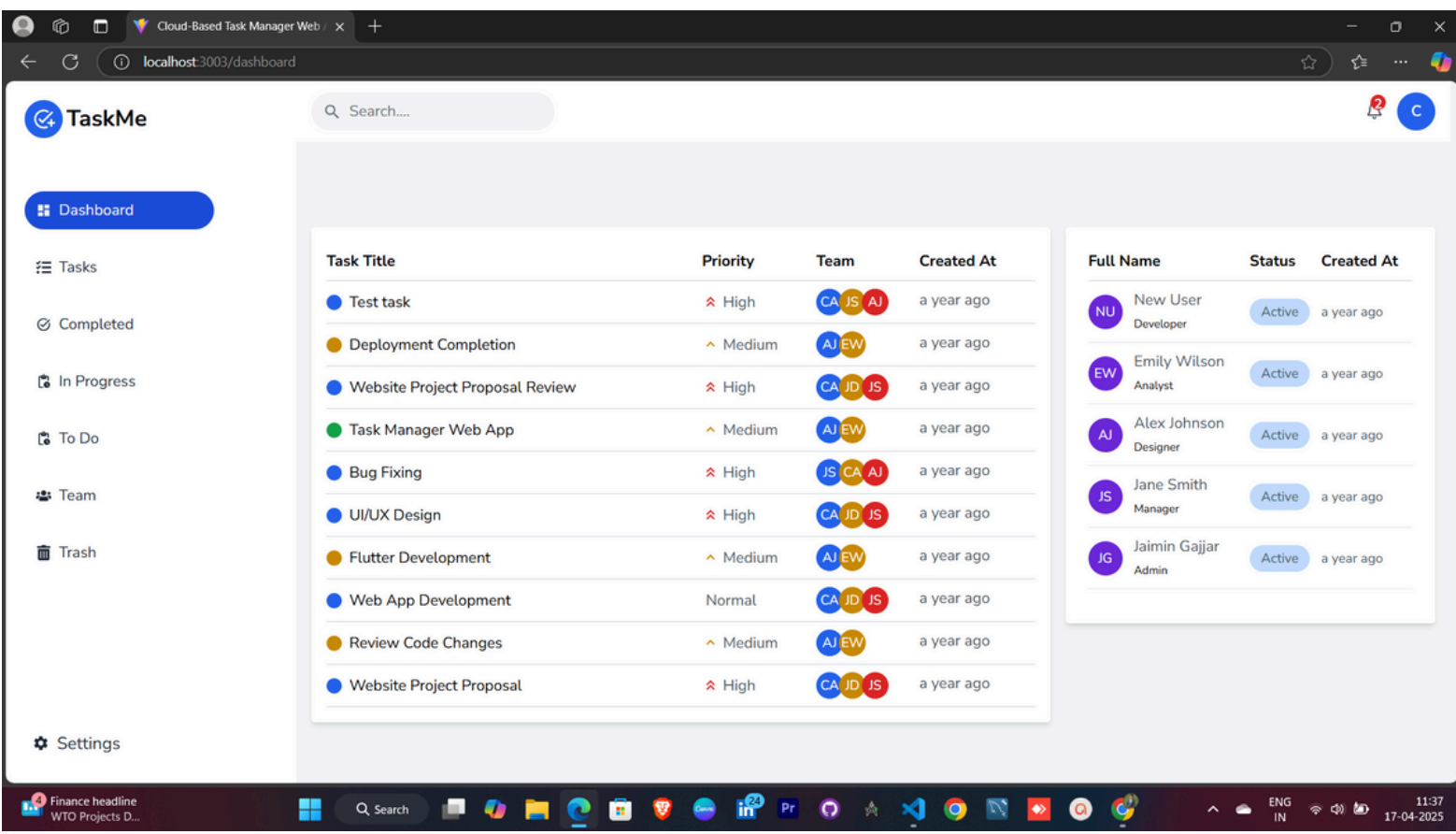
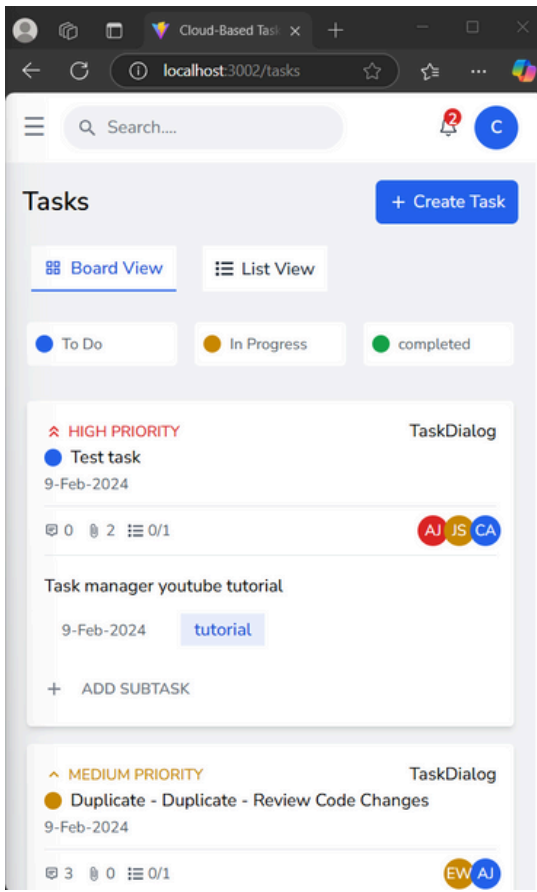
## Proposed Design/Block Diagram



## Results



## UI / UX Results



## Conclusion

This project successfully addresses the issue of task mismanagement in teams by providing a structured, role-based platform for task delegation and tracking. It offers a balance of functionality and simplicity for effective team collaboration. The modular design also makes future feature upgrades—such as notifications, file attachments, and calendar integration—easier to implement.

## References

- MongoDB - <https://www.mongodb.com/docs>
- Express.js - <https://expressjs.com>
- React.js - <https://reactjs.org>
- Node.js - <https://nodejs.org/en/docs>
- Tailwind CSS - <https://tailwindcss.com/docs>
- Redux Toolkit - <https://redux-toolkit.js.org>
- JWT - <https://jwt.io>
- Postman - <https://www.postman.com>
- Ittanta Technologies - <https://ittanta.com>