Results

1.

About the project

Allow the site to access location

- User Registration and Authentication: The application allows admins to register a user account by providing username, email, and password. Users can then log in to the system using their credentials. Authentication ensures that only authorized users can access the application's features.

- Task Management: Once logged in, users can create new tasks by providing a title, task details, and an expected completion date. They can also view their existing tasks, edit task details, mark tasks as complete, and delete tasks as needed.

- User Management: The application provides user management functionality, allowing administrators to manage user accounts. Administrators have the ability to view a list of all registered users, edit user details, and delete user accounts if necessary.

- Pagination and Sorting: To handle large numbers of tasks and users, the application implements pagination, displaying a 5 per page and providing navigation links to browse through the pages. Sorting options are also available, allowing users to sort tasks or users based on different criteria such as ID, title, details or completion date.

- Integration with Weather API: The application integrates with a weather API to provide users with current weather information based on the current user location. Users can view the weather details for their location or a specific location while managing their tasks.

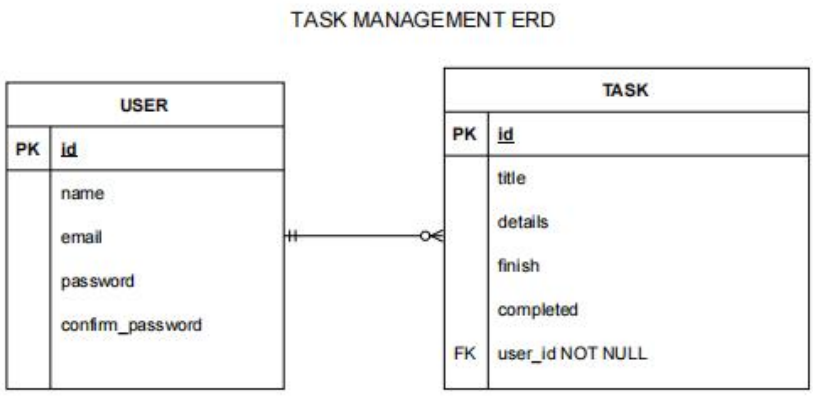
Technical overview and patterns

The project follows the Model-View-Controller (MVC) architectural pattern, the reason I chose it is that it makes your code more organized, maintainable, and scalable. It allows you to separate business logic (Model), presentation logic (View), and request handling (Controller), making it easier to collaborate with other developers and maintain code in the long run

Deployment of the application can be done using Docker, allowing for a consistent and portable development and deployment environment. Docker simplifies the setup process by bundling the application and its dependencies into containers, ensuring easy deployment across different environments.

Overall, the project provides a robust and user-friendly task management system, implemented using Laravel's features and best practices, with a focus on code quality, scalability, and maintainability.

2.



3.
Technologies used
PHP, Laravel , MySQL, node , vite, JavaScript, HTML/CSS, ChatGPT
I chose PHP because its easy to use ,there's really no deep reason behind my selection

4. MandlaMthethwa/task-management