

TASKSPHERE

Interactive and Dynamic Task Management Platform

PROJECT IDEA/DESCRIPTION

- A Task Management Platform with an emphasis on user interaction and efficiency.
- Provides a centralized hub for intuitive task management.
- Streamlining task handling through an interactive interface.
- Emphasizing user-friendly design for seamless task management.

PROJECT APPROACH

1

Backend API Setup:
Initial development of
CRUD operations for
tasks.

2

UI Integration: Integration of
the client interface with the
existing backend for seamless
task management.

3

Phases: Backend setup,
UI design, planned UI
enhancements.

DATA MODELS/SCHEMAS

User Schema

- Username (to be added later): Unique identifier for user identification.
- Email: User's registered email address for communication and login.
- Password (hashed): Encrypted password stored securely for authentication.

Task Schema

- Title: Concise description or title summarizing the task.
- Description: Detailed information or content associated with the task.
- Completed: Boolean value indicating whether the task has been completed or not.
- userEmail: Email of the user associated with the task for assignment or ownership.

MAIN DASHBOARD

Dev's Data

Add Task

Uncompleted Tasks

Completed Tasks

Error Handling Optimization

Improve error handling and error messages for a better user experience

Not Completed

Done →

Delete

Client User Authentication Implementation

Integrate login/register pages with backend for user authentication

Not Completed

Done →

Delete

UI Design Refinement

Enhance dashboard layout and styling

Not Completed

Done →

Delete

Complete Presentation

Create slides for project presentation

Completed

← Revert

Delete

Backend API Integration

Connect client interface with backend API

Completed

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FUTURE UI ENHANCEMENTS

1

Login/Register Pages (Planned):

- Fields: Username, Email, Password
- Authentication: Incorporating login/register pages for user authentication.

2

Dashboard Refinement:

- Customization: Introducing options for user-configurable dashboard elements.
- Task Display Enhancement: Improving task display with additional sorting and filtering options.

THANK YOU!