Project Submitted By

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| Name | College Name | Branch | Email | Expected Degree Completion Year |
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Project Code

45DP149

Project Name

MERN Stack E-Commerce Website

Abstract

The MERN Stack E-Commerce Website is a full-stack web application that allows users to create, update, and delete tasks. It provides a simple and intuitive interface for task management with user authentication, data persistence, and responsive UI. The project follows the CRUD (Create, Read, Update, Delete) operations and uses MongoDB as the database, Express.js as the backend framework, React for the frontend, and Node.js for server-side scripting.

Domain

Web Development, Productivity

Technologies Used

MongoDB, Express.js, React.js, Node.js

Tools Used

VS Code, Postman (for API testing), MongoDB Compass, Git & GitHub

Project Link (if the project is hosted somewhere)

GitHub Repository

Instructions to run the project

1. Clone the Repository

gitclone : <https://github.com/Sakshi021github/45DP149/upload/main>

* 1. cd todo-app

1. Install Dependencies
   1. Backend
      1. cd backend
      2. npm install
   2. Frontend
      1. cd backend
      2. npm install
2. Set Up Environment Variables
   1. Create a .env file in the backend folder and add the following:  
      MONGO\_URI=your\_mongodb\_connection\_string

PORT=5000

JWT\_SECRET=your\_jwt\_secret\_key

1. Start the Backend Server
   1. cd backend
   2. npm start
2. Start the Frontend
   1. cd frontend
   2. npm start
3. Open the App in Browser
   1. Go to http://localhost:3000

Output Images / Screenshots / Files