



E-COMMERCE

“Your Project Name”

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Task - 4



Your Project Name

- Your Project Introduction

E-Commerce, also known as electronic commerce or internet commerce, is an activity of buying and selling goods or services over the internet or open networks. Our website is envisioned as a cutting-edge ecommerce solution designed to meet the needs to meet our target audience, e.g., consumers, businesses, or a specific industry. It aims to offer a seamless and intuitive online shopping experience while providing essential features for administrators to manage the platform efficiently.



Task 4 :: Dynamic Frontend

Integrate the APIs to frontend to ensure the dynamic feature of website

- Point base api to the servers base url
- Design api calls for each element
- Handle errors in the output
- Render output of apis to different low level components
- Secure content of post apis

Evaluation Metric:

100% Completion of the above tasks

Learning outcome

- Developing complicated UI using HTML components
- Using props drilling and context to pass variables
- Getting familiar with different type of api calls
- Handling different input data

Step-Wise Description

An E-commerce website developed with reactjs,nodejs ,mongoDB designed to facilitate seamless browsing, secure transactions, and personalized user experiences for customers seeking a diverse range of products.

Step 1: Project Setup

Step 2: Frontend Development (React.js)

Step 3:Backend Development (Node.js, Express, MongoDB)

Step 4: Authentication and Authorization

Step 5: Shopping Cart and Checkout

Step 7: Deployment

Summary of your task

- Tech Stack:** React.js for the frontend, Node.js with Express for the backend, and MongoDB for the database.
- Functionality:** User authentication, product listing, shopping cart, checkout process, and secure API endpoints.
- Tools:** npm for package management, Axios for API requests, React Router for navigation, and **Mongoose for MongoDB connectivity.**

Assessment Parameter



Submission Github



<https://github.com/Team-NaanMudhalvan/E-COMMERCE>

Thank you!

