MERN Stack E-Commerce Final Year Project Topics

Project 1: Multi-Vendor E-Commerce Marketplace

A platform similar to Amazon/Flipkart where multiple sellers can sell products and customers can purchase from different vendors.

Key Features:

1. User, Seller, and Admin authentication
2. Product, category, and brand management
3. Cart, checkout, and payment gateway integration
4. Order tracking, reviews, and ratings
5. Seller and Admin dashboards

Project 2: Smart Grocery & Subscription E-Commerce App

An online grocery application supporting both one-time purchases and recurring subscriptions.

Key Features:

1. User authentication and profile management
2. Product listing with filters and search
3. Daily/Weekly/Monthly subscription system
4. Delivery slot selection and order tracking
5. Admin stock and order management

Recommended Development Environment

1. Frontend: React.js with Vite
2. Backend: Node.js with Express.js
3. Database: MongoDB Atlas
4. API Testing: Postman
5. Code Editor: Visual Studio Code
6. Version Control: Git & GitHub

Reference & Learning Platforms

1. Official Docs: React, Node.js, Express, MongoDB
2. YouTube: Traversy Media, Codevolution, JavaScript Mastery, Lama Dev
3. GitHub: Search for MERN ecommerce repositories (for reference only)