Professional eCommerce Application

Objective:

Build a modern, modular, and scalable eCommerce platform where users can browse products, add to cart, make purchases, and manage orders — all using **Angular 20+** front-end with real APIs developed using Node JS and Express JS framework with MongoDB database server

Modules –

* Authentication and Authorization with security trimming –
  + Features –
    - Login / Registration (JWT)
    - Forgot Password
    - Profile page (update info, view order history)
* Product and Category Management
  + Features –
    - Product listing with filters (category, price, rating)
    - Product details page (carousel, description, reviews)
    - Search bar with live filtering
* Shopping Cart –
  + Features –
    - Add/remove items
    - Quantity update
    - Cart summary (subtotal, tax, total)
* Checkout Module –
  + Features –
    - Address form
    - Payment selection (mock integration)
    - Order review and confirmation
* Order Management
  + Features –
    - Order placement and history
    - Order details (status, items, tracking)
    - Admin: Manage orders (approve, ship, cancel)
* Admin Dashboard
  + Features –
    - Product CRUD (Add/Edit/Delete)
    - Category management
    - Sales dashboard with charts
    - Order management
* Miscellaneous –
  + Features –
    - Notification system
    - Shared components
    - Error handling and logging