

## E-commerce Management System (GraphQL API)

Build a GraphQL API using Express to manage products and orders within an eCommerce system. The API should allow clients to query products and order data efficiently through a unified schema.

The project is structured with Express, and Mongoose, organized into Schema, Resolvers, and Models layers.

### GraphQL Queries to Implement

#### Product Queries:

- `getAllProducts`: Fetch a list of all products
- `getProductById(id: ID!)`: Fetch a single product by its ID

#### Order Queries:

- `getAllOrders`: Fetch a list of all orders with product details
- `getOrderByById(id: ID!)`: Fetch a specific order by ID with populated product information

**Bonus:** work on `createProduct` mutation

