

Simple Product & Order System API

Requirements

- Product management:
 - Create (register) a product
 - Retrieve product list and details
 - Delete a product
 - Order creation:
 - Deduct product stock when an order is placed
 - Calculate the total order amount
 - Save the order details in the database
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Optional Features

- JWT-based authentication
 - Simple user model (Sign up / Login)
 - ORM, JPA
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Evaluation Points

- Transaction handling
- Business logic design
- Database relationship modeling (1:N, N:M)