

12400 Development of the web applications base on Framework

Online Shop

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Main idea: Online shop where you can buy different products with user accounts and product characteristics.

Main parts: MidtermJavaFramework (backend, Spring Boot) and frontend (frontend, ReactJS)

Backend part:

5 entities (Account, Address, Cart, Product, Role),

3 controllers (AccountController, ProductController, RoleController),

4 config files (2 JWTs (AuthFilter and GeneratorFilter), SecurityConfig, Swagger),

2 interfaces, 3 repositories (AccountRepository, ProductRepository, RoleRepository),

2 services and their implementations (AccountService, ProductService, AccountServiceImpl, ProductServiceImpl).

Additional used: Lombok

Roles: ADMIN, USER

Frontend parts:

ListAccounts, ListProducts, AddProduct.

Frontend port: 3000, Backend port: 8080