

Audit of skills for working at



Java Developer

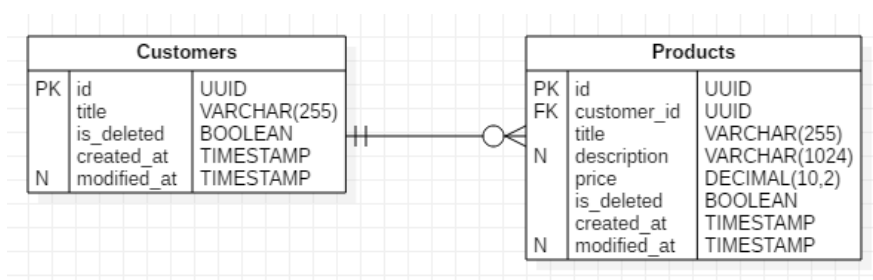
Task definition:

1. Create REST service.
2. Use Spring Boot 2 for creating the application.
3. Use Java/Kotlin. For Java use ≥ 8 version.
4. Use PostgreSQL/MongoDB for keeping the data.
5. Use Hibernate or other ORM if possible.
6. Write jUnit tests if necessary (mockMvc, etc).
7. Project should be built under Gradle if possible. Maven is another option.
8. Completed project should be pushed in git/bitbucket repository.

Optional task:

1. Add Spring Security to the project and protect all mutable methods in REST server (edit and delete methods for customers and products). Protected methods should use Bearer token authentication.

Optional database structure:



Service API description:

Customer products Service API 1.0.0 OAS3

OpenAPI description for "Customer products" service

Servers

<http://localhost:8080/api/v1/> - Development

Customers

GET

/customers Returns paginated list of all customers



POST

/customers Create new customer



DELETE

/customers/{customerId} Delete customer



GET

/customers/{customerId} Returns customer by id



PUT

/customers/{customerId} Edit customer



Products

GET

/customers/{customerId}/products Returns paginated list of all customer products



POST

/customers/{customerId}/products Create new product for customer



DELETE

/products/{productId} Delete product



GET

/products/{productId} Returns product by id



PUT

/products/{productId} Edit product

