Test task

For junior Java developer

You must implement an HTTP API server with basic CRUD operations for the Customer entity.
Expected result: link to git repository.
Backend - Spring (better with Spring Boot).
Frontend - not required.
Database - any relational persistent SQL DB (MySQL/Postgress/...).
Authentication - not required.

Endpoints

Create customer

POST /api/customers
Content-Type application/json
Body:

    fullName: String (2..50 chars including whitespaces)
    email: String (2..100 chars, unique, should include exactly one @)
    phone: String (6..14 chars, only digits, should start from +, optional field)

Response body:

    id: Long
    fullName: String
    email: String
    phone: String

Read all customers

GET /api/customers
Response body:

    List of:
        id: Long
        fullName: String
        email: String
        phone: String

Read customer

GET /api/customers/{id}
Response body:

    id: Long

fullName: String
email: String
phone: String

Update customer

Put or Patch /api/customers/{id}
Content-Type application/json
Body:
id: Long
fullName: String (2..50 chars including whitespaces)
phone: String (6..14 chars, only digits, should start from +)
Response body:
id: Long
fullName: String
email: String
phone: String

Delete customer

Delete /api/customers/{id}
Just mark a customer as deleted, but leave his data in DB. Related DB column: is_active.

Database structure

customer table

id: bigint
created: bigint
updated: bigint
full_name: varchar
email: varchar
phone: varchar
is_active: bool