Test assignment

Create a simple web application having CRUD-operations based on the proxy model.

Required fields of the proxy model:

id	auto incremented numeric
name	unique text with length restriction (120 symbols)
type	one of enum: "HTTP", "HTTPS", "SOCKS4", "SOCKS5"
hostname	unique text with length restriction (120 symbols)
port	numeric
username	text with length restriction
password	text with length restriction
active	boolean flag

The application should have the following REST API features:

1. Create a proxy entry
   a. Make proper validations
   b. Save it to Database
2. View a proxy entry
   a. Return all proxy entries saved in Database with pagination
   b. Return one proxy entry by id
   c. Return all proxy entries filtered by name and type
3. Edit a proxy entry
   a. Make proper validations
   b. Edit proxy entry in database by id
4. Remove a proxy entry
   a. Remove proxy by id

Application main requirements:

- Use Java/Kotlin with Gradle
- Use Flyway for database migration
- Use Spring Boot with manual datasource configuration
- Use PostgreSQL in Docker environment as a data storage
- Application should be tested (decide on your own what is the best approach to test controllers and mappings)
- Push the code to the git repository and send a link.