

Included User Location Problem

Create a spring boot project using Gradle with the following requirements

1. There will be 2 users (ADMIN, READER).
2. ADMIN can perform CRUDE operations like POST, DELETE, PATCH, etc.
3. READER can perform only GET operation.
4. Create a REST API called create_data which creates a table in the database with the name 'user_location'.
5. user_location will have three fields NAME, Latitude, Longitude and excluded.
6. user can update the user_location table using another REST API called update_data
7. READER can call the get_users/N which returns the nearest N users from the location (0,0).
E.g GET http://base_url/get_users/5 will return the nearest 5 users from (0,0) which are not excluded;

You need to create 3 rest API

a) create_data b) update_data c) get_users/N

Evaluation will be done on the following criteria

1. Unit Test
2. Checkstyle issues
3. Working functionality
4. Clean and readable code with proper Javadoc with minimal code smell

Note: Use HSQL in-memory database for the database work. Your code should be able to create a table with no manual script required.