

Test task for Java candidate

Task definition

You should create service for aggregating users data from multiple databases. Application must provide single rest endpoint for selecting data, selected from all databases

GET /users

Success response body example:

```
[
  {
    "id": "example-user-id-1",
    "username": "user-1",
    "name": "User",
    "surname": "Userenko"
  },
  {
    "id": "example-user-id-2",
    "username": "user-2",
    "name": "Testuser",
    "surname": "Testov"
  }
]
```

Application must have declarative configuration for specification of data sources, maximal quality of data sources is infinite:

```
data-sources:
- name: data-base-1
  strategy: postgres #this property is optional, only if you implements multiple
database type support (Postgres, ORACLE, MySQL...)
  url: jdbc://.....
  table: users
  user: testuser
  password: testpass
  mapping:
    id: user_id
    username: login
    name: first_name
    surname: last_name
- name: data-base-2
  strategy: postgres
  url: jdbc://.....
  table: user_table
  user: testuser
```

```
password: testpass
mapping:
  id: ldap_login
  username: ldap_login
  name: name
  surname: surname
```

Strong requirements

- Use Spring Boot for writing this application
- Use OpenApi contracts specification for declare endpoint definition
- Include a README.md file with instructions on how to run the application (using Docker Compose would be a big plus)
- Project must be pushed to git repository with readme file

Optional requirements

- Add integration test using testcontainers
- Add selecting filters in api and queries