Spring Boot Security - Authorization with OAuth2

Create a Spring boot application with the following dependencies:

- Spring Web;
- Spring Security
- Oauth2 Client
- Thymeleaf

After selecting the aforementioned dependencies, you need to press enter and you’ll be asked where you want to save your project. After choosing the location you’ll see a message asking you if you want to open the project.

Create a GitHub OAuth App

You must have an account on GitHub.com to complete this task. You can create a new OAuth App as follows:

GitHub (logged in) -> settings -> Developers Settings -> new OAuth App


When you finalize your app, you’ll see the client-id and client-secret, which you need when you configure your OAuth App. To do that, you need to add the client-id and client-secret to applicatio.property, which can be found at:

```
// applicatio.property

spring.security.oauth2.client.registration.github.client-id= client-id
spring.security.oauth2.client.registration.github.client-secret= client-secret
```

1 If you need to refresh your memory on how you can create a Spring Boot application, please refer to the material of Lecture 7
2 Both client-id and client-secret can be obtained by from Github.
Create an `index.html` page to test your application; the page should be created in the templates folder

```
main/resources/templates
    index.html
```

Try to run your application, and you will be redirected to the login page

If you chose GitHub, you will be prompted to login your credentials