

Dependencies

Resource Server

```
<dependency>
<groupId>org.springframework.boot</groupId>
<artifactId>spring-boot-starter</artifactId>
</dependency>

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<groupId>org.springframework.boot</groupId>
<artifactId>spring-boot-starter</artifactId>
</dependency>

<dependency>
<groupId>org.springframework.boot</groupId>
<artifactId>spring-boot-starter-oauth2-client</artifactId>
</dependency>

<dependency>
<groupId>org.springframework.boot</groupId>
<artifactId>spring-boot-starter-thymeleaf</artifactId>
</dependency>

<dependency>
<groupId>org.springframework.boot</groupId>
<artifactId>spring-boot-starter-web</artifactId>
</dependency>

<dependency>
<groupId>org.thymeleaf.extras</groupId>
<artifactId>thymeleaf-extras-springsecurity5</artifactId>
</dependency>
```

Authentication Server

```
<dependency>
<groupId>org.springframework.boot</groupId>
<artifactId>spring-boot-starter</artifactId>
</dependency>

<dependency>
<groupId>org.springframework.cloud</groupId>
<artifactId>spring-cloud-starter-oauth2</artifactId>
<version>2.2.4.RELEASE</version>
</dependency>

<dependency>
<groupId>org.springframework.boot</groupId>
<artifactId>spring-boot-starter-web</artifactId>
</dependency>
```

Dependencies

Resource Server

- WebController.java
- Create a controller for human interaction
- Create 2 endpoints for the webpages

- SecurityConfiguration.java
- Configure the securityHttp
- Call the login of the OAuth 2

Others files *.html and files related with the API

application.
yml

Authentication Server

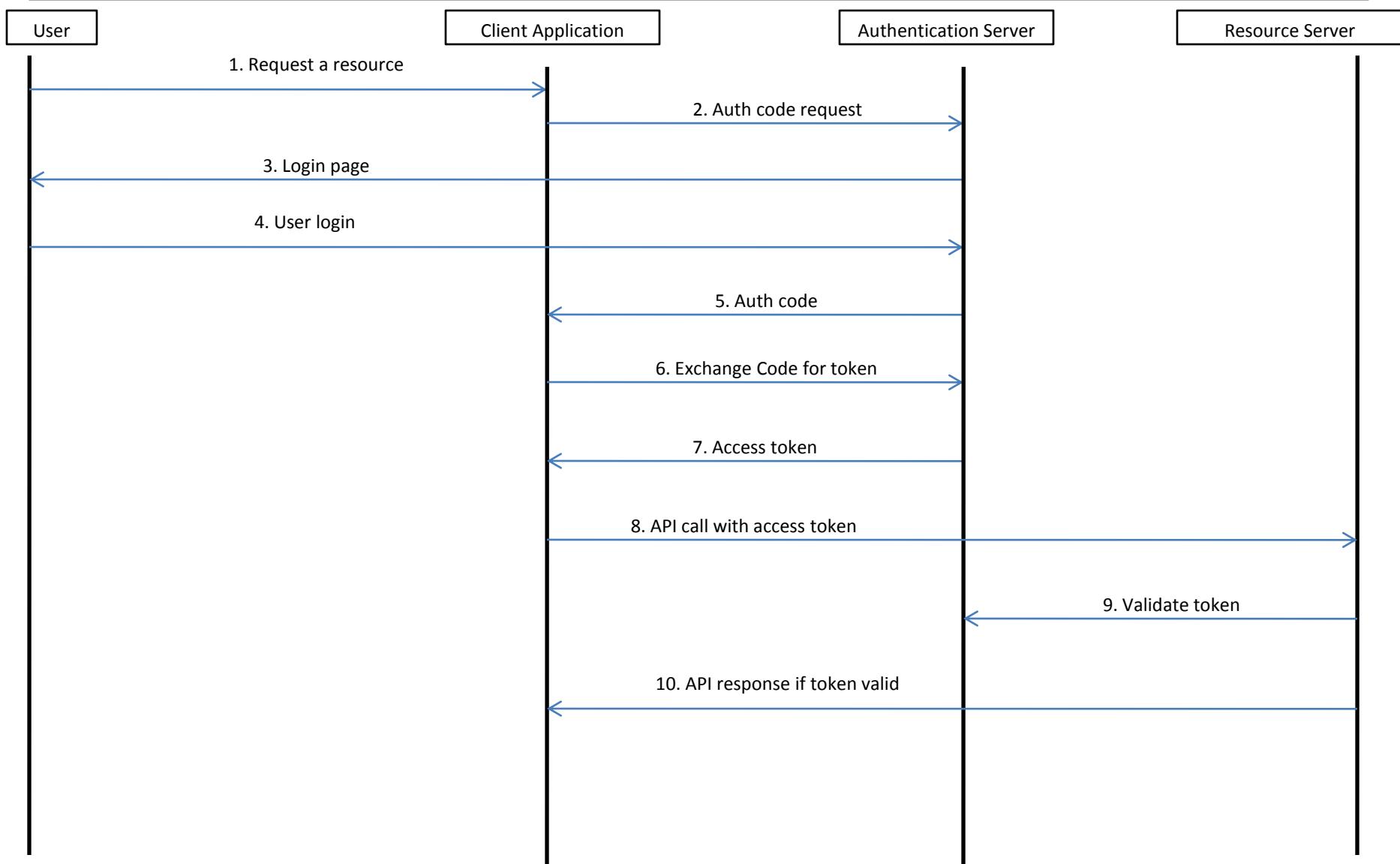
- AuthServerConfig.java
- Communication of the token to the resource server
- Creation of the token
 - Save ClientID and ClientSecret

- SecurityConfiguration.java
- Configure the securityHttp
 - Authentication of users
- Creation of the encoder of the password

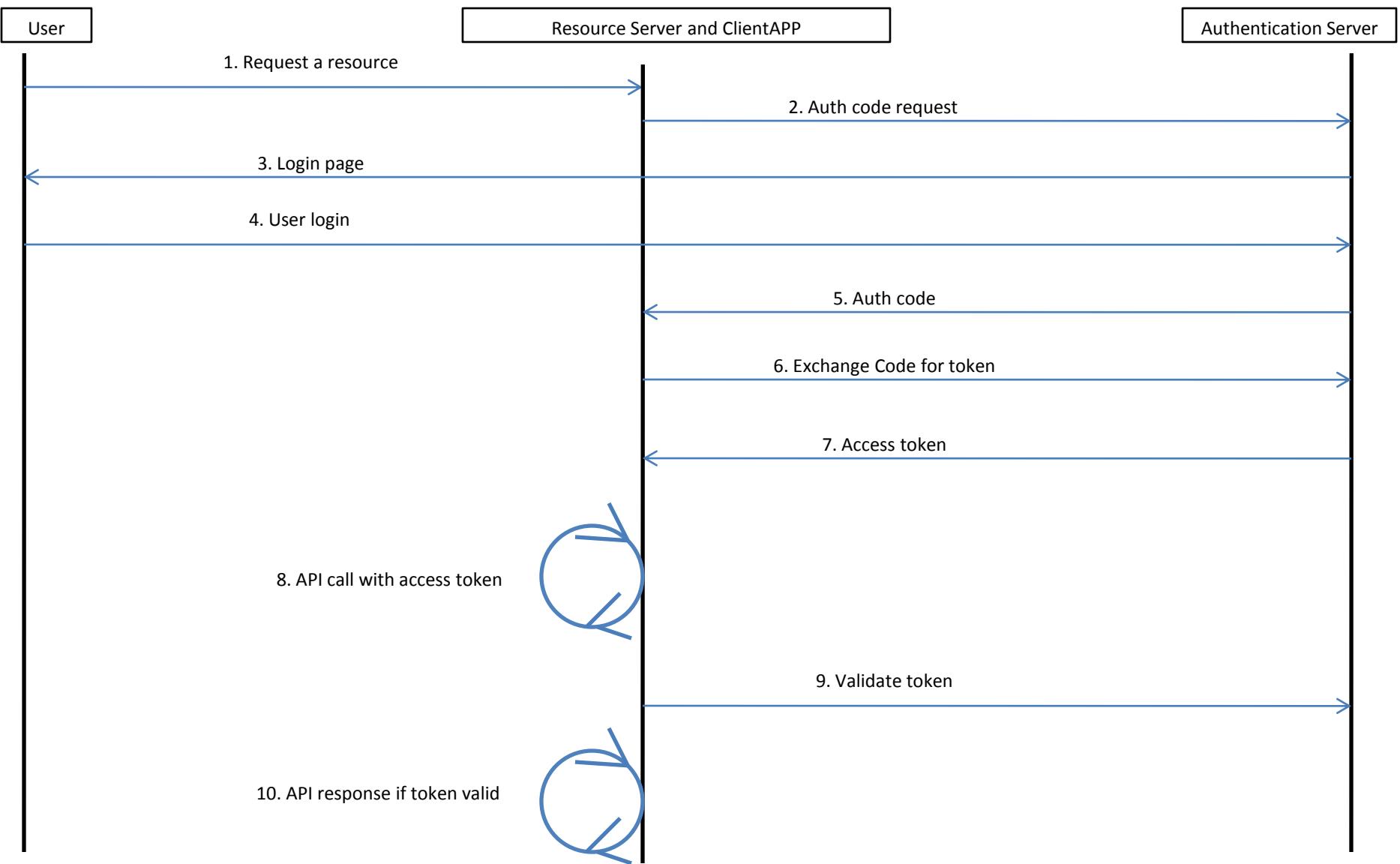
- AutenticationLoginApplication.java
- Initialize the application

application.
properties

Interaction Resource – Authentication normal



Interaction Resource - Authentication



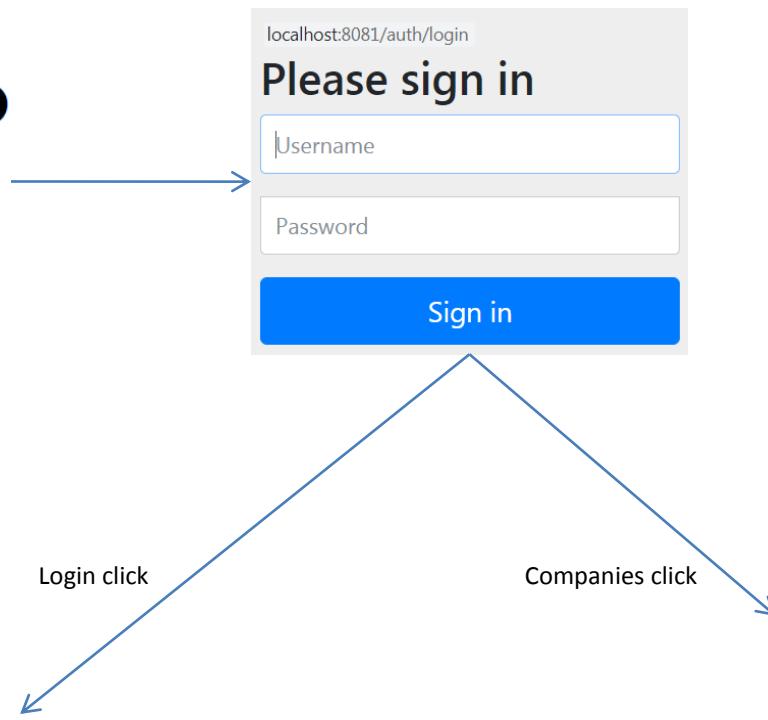
Interaction Resource - Authentication

localhost:8082

Spring Security SSO

Login

Companies



localhost:8082/securedPage

Secured Page

You have accessed a secured page

Santander

localhost:8082/secured/company

```
[  
  - {  
      id: 1,  
      name: "COCACOLA",  
      - departments:  
        - {  
            id: 1,  
            name: "SALES"  
          },  
        - {  
            id: 2,  
            name: "MARKETING"  
          }  
      ],  
      - cars:  
        - {  
            id: 1,  
            registrationNumber: "asdqwe123"  
          },  
        - {  
            id: 2,  
            registrationNumber: "123 vdfg"  
          }  
    },  
    - {  
        id: 2,  
        name: "SANTANDER",  
        - departments:  
          - {  
              id: 3,  
              name: "SALES"  
            },  
          - {  
              id: 4,  
              name: "MARKETING"  
            }  
        ],  
    }]
```