TUTORIAL 7

What do I get?

Now I can make authentication on our TA Project. Lets see the result.

Latihan Sign Out

1. Buatlah hal yang sama dengan menambahkan tombol Sign Out dan cetak nama user untuk halaman student/view/{npm}.

```html
<!DOCTYPE html>
<html xmlns:th="http://www.thymeleaf.org">
    <head th:replace="fragments/fragment-header :: head"></head>
    <body>
        <div th:replace="fragments/fragment-header :: navigation"></div>
        <h2 th:text=" 'Login as ' + ${#httpServletRequest.remoteUser}">Login as</h2>
        <form th:action="@{/logout}" method="post" style="margin-bottom:20px">
            <input type="submit" value="Sign Out"/>
        </form>
        <h3 th:text="'NPM = ' + ${student.npm}">Student NPM</h3>
        <h3 th:text="'Name = ' + ${student.name}">Student Name</h3>
        <h3 th:text="'GPA = ' + ${student.gpa}">Student GPA</h3>
        <div th:replace="fragments/fragment :: footer"></div>
    </body>
</html>
```

2. Buatlah user baru dengan username "user", password "user", dan role "USER". Coba apakah bisa login dengan akun tersebut.

```java
@Autowired
public void configureGlobal (AuthenticationManagerBuilder auth) throws Exception
{
  auth.inMemoryAuthentication()
  .withUser("admin").password("{noop}admin").roles("ADMIN");
  auth.inMemoryAuthentication()
  .withUser("user").password("{noop}user").roles("USER");
}
```

Setelah dilakukan login, hasilnya seperti gambar dibawah.

3. Tampilkan menu view student by npm beserta input field dan button untuk memasukan nomor npm student yang ingin dicari pada halaman index user dengan role USER.

```html
<!DOCTYPE html>
<html xmlns:th="http://www.thymeleaf.org">
    <head th:replace="fragments/fragment-header :: head">
    </head>
    <body>
        <div th:replace="fragments/fragment-header :: navigation"></div>
        <div style="margin-bottom:20px" ><a href="/login">Login</a></div>
        <div style="margin-bottom:20px" th:if="${#httpServletRequest.isUserInRole('
        <div style="margin-bottom:20px">
            <h3>View Student By NPM</h3>
            <form th:action="@{/student/view}" method="get">
            <div><label> NPM : <input type="text" name="npm"/></label></div>
            <div><button type="submit">Search</button></div>
            </form>
        </div>
        <div th:replace="fragments/fragment :: footer"></div>
    </body>
</html>
```
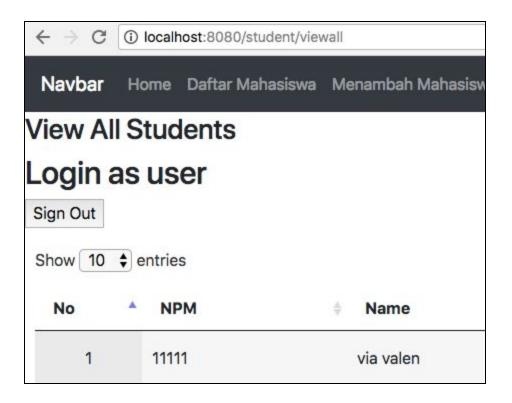
Hasilnya jika user login

4. Buat agar user dengan role ADMIN dapat melihat view all student dan view student by npm juga.

```html
<!DOCTYPE html>
<html xmlns:th="http://www.thymeleaf.org">
    <head th:replace="fragments/fragment-header :: head">
    </head>
    <body>
        <div th:replace="fragments/fragment-header :: navigation"></div>
        <div style="margin-bottom:20px" ><a href="/login">Login</a></div>
        <div style="margin-bottom:20px" th:if="${#httpServletRequest.isUserInRole('
        <div style="margin-bottom:20px">
            <h3>View Student By NPM</h3>
            <form th:action="@{/student/view}" method="get">
            <div><label> NPM : <input type="text" name="npm"/></label></div>
            <div><button type="submit">Search</button></div>
        </form>
        </div>
        <div th:replace="fragments/fragment :: footer"></div>
    </body>
</html>
```

Hasil jika admin login