SWE 212 PROJECT STUDY 3 (2025)

Due date: 29 April 2025, class time.

In this project you will implement a basic authentication with server-side rendering on your project . You can use Gradle-Groovy or Maven build tool with Java 21 as JDK. Figure 1. shows some example views related authentication from car-rental project. At least there must be 2 roles in your application such as "user" and "admin". You should decide which user should access to which resources (pages, images and documents). Your application must allow to upload and show the user images as well (see Figure 2). In presentation show the cookie that your application creates in your browser.
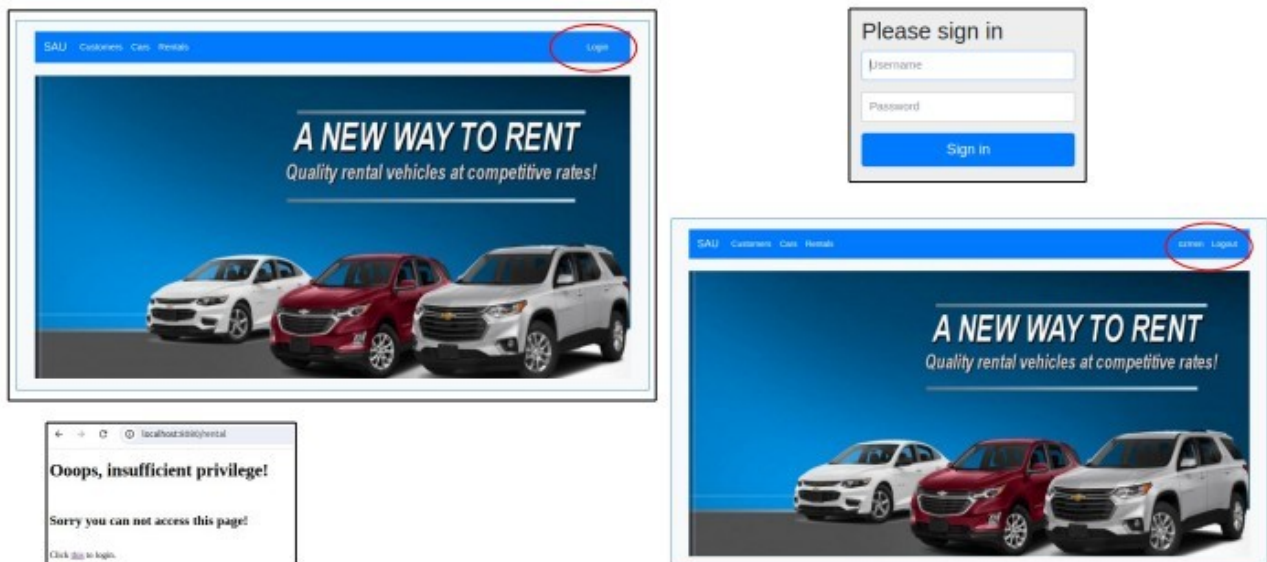

Figure 1. Example login and home views for car-rental project. In this example, "Rental page" is only allowed by "admin" role, if a request comes from "user" role, the user must be informed and forwarded to login page.
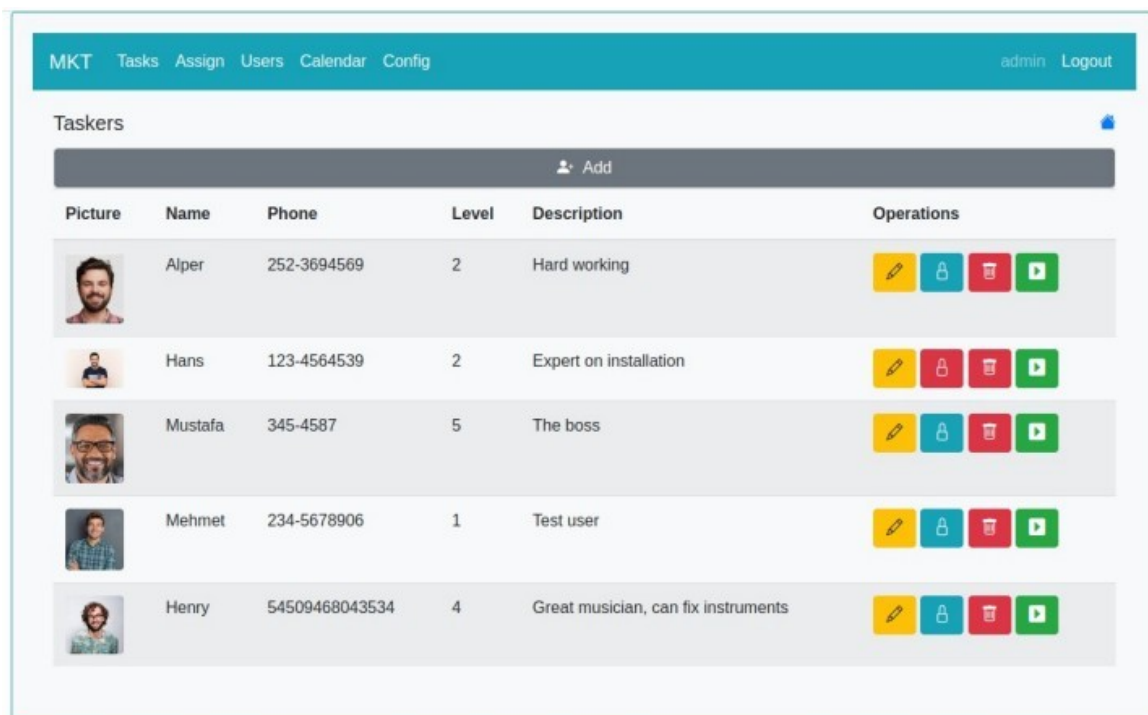

Figure 2. Example "customer" page with profile images.

Grading:

No	Task	Grade
1	Project 2 is ready as a base.	**10**
2	Authentication: User details is working.	**15**
3	Authorization: Security filter chain is working (roles and resources) .	**20**
4	Image upload is working.	**10**
5	Bootstrap is used.	**20**
6	Everything works as described with no error, exceptions handled properly.	**10**

PS: Group presentation is required, group members must show up to in presentation to collect points.