

## **Car Rental Service Assignment**

### Project description

The project consists of a web application designed in accordance with the MVC architecture, which is intended to provide the possibility of renting cars in the target company.

Ultimately, there are two application roles in the application: client (CLIENT) and employee (EMPLOYEE), with the employee role consuming the rights of the client role.

### System functionalities

The basic functionalities of the application are:

- User registration and login,
- Ability to block users,
- Adding new car brands and removing them,
- Adding and blocking cars in the system,
- Searching for cars in the system,
- Request a rent,
- Accepting and rejecting user requests (creating reservations),
- Viewing your own bookings,
- Viewing car bookings.

## **USER GUIDE**

**Login: client**

**Password: client**

Home page   Create an account   Log-in

# Log-in

Login

Password

Log-in

## Home Page

Home page   Create an account   Log-in

# CAR RENTAL SERVICE

## Please select a car

Car Brand	Car type
<input type="text" value="No preference"/> Audi #1 Toyota #2	<input type="text" value="No preference"/> Small Medium Large
Number of doors	Number of seats
<input type="text" value="No preference"/> 2 3 4	<input type="text" value="No preference"/> 3 5 7
With air-conditioning?	Gearbox type
<input type="text" value="No preference"/> Yes No	<input type="text" value="No preference"/> Manual Automatic

Search   Display all results

"Home Page" page viewed by **registered users** and **unregistered users**. Unregistered users are given access so as to provide them a glimpse of the products available. They will be prompted to create an account prior to making a booking.

## Create account

[Home page](#) [Create an account](#) [Log-in](#)

# Create account

Email

Login

Password

Repeat password

[Register](#)

User will be log-in upon account creation

## Display all results or select criteria

[Home page](#) [MyRents](#) [Log-out](#)

## Search results:

Show  entries

Search:

#	Brand	Model	With air-conditioning?	Type of Car	Number of Seats	Number of Doors	Price per day	Select
633	Audi #1	Q7	Yes	Manual	2	2	100.0	<a href="#">Rent!</a>

Showing 1 to 1 of 1 entries

[Previous](#) [1](#) [Next](#)

User will be presented with results once selection has been made.

## Date selection

Home page MyRents Log-out

# Rent A Car Audi #1 - Q7

Double-click on a selection to pick a specific date instead of a date range.

Previous June 2021 Next

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

Total cost:

Create a booking

Date selection range will appear for user to be able to select rental dates.

## Rental confirmation page "MyRents"

Home page MyRents Log-out

No rentals found.

## List of rent requests

#	Car	Start date	End date	Price
637	Audi #1 Q7	2021-06-21	2021-06-24	300.0

Total cost: 300

User will be brought to rental confirmation page once submission has been made.

## EMPLOYEE GUIDE

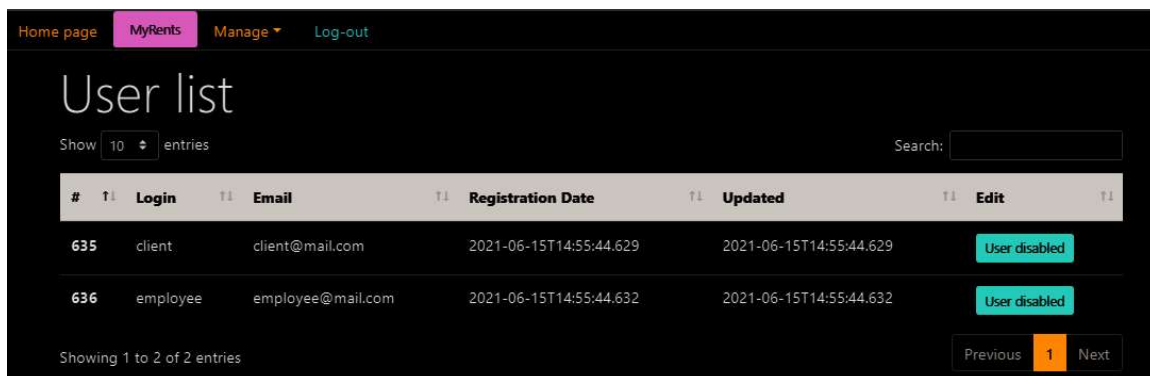
employee

Password: employee



The screenshot shows a dark-themed login page. At the top, there are navigation links: "Home page", "Create an account", and "Log-in". The main heading is "Log-in". Below it, there are two input fields: "Login" with the text "employee" and "Password" with masked characters "\*\*\*\*\*". A blue "Log-in" button is at the bottom.

Employee "Manage Users" access



The screenshot shows a "User list" page. At the top, there are navigation links: "Home page", "MyRents", "Manage", and "Log-out". The main heading is "User list". Below it, there is a "Show 10 entries" dropdown and a "Search:" input field. The table has columns: #, Login, Email, Registration Date, Updated, and Edit. There are two rows of data, both with a "User disabled" button in the Edit column.

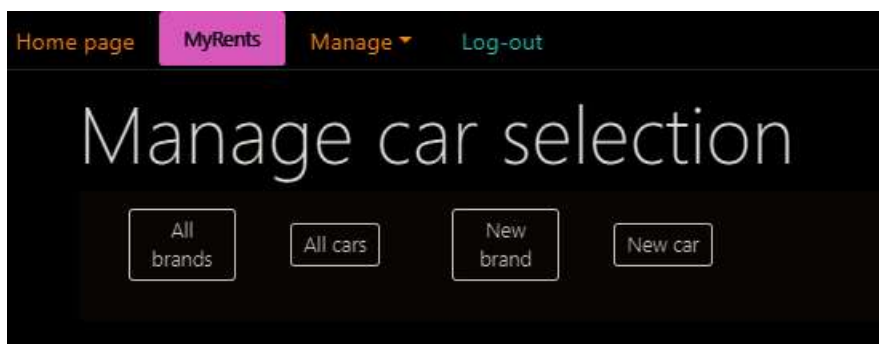
#	Login	Email	Registration Date	Updated	Edit
635	client	client@mail.com	2021-06-15T14:55:44.629	2021-06-15T14:55:44.629	User disabled
636	employee	employee@mail.com	2021-06-15T14:55:44.632	2021-06-15T14:55:44.632	User disabled

Showing 1 to 2 of 2 entries

Previous 1 Next

Employees will be able to enable and disable users.

Manage car selection (Manage Cars)



The screenshot shows a "Manage car selection" page. At the top, there are navigation links: "Home page", "MyRents", "Manage", and "Log-out". The main heading is "Manage car selection". Below it, there are four buttons: "All brands", "All cars", "New brand", and "New car".

Employees will be able to input new brands and models of cars.

## List of rent requests (Manage Rents)

Home page

MyRents

Manage

Log-out

List of rent requests

#	User	Car	Start Date	End Date	Price	Edit
637	client	Audi #1 Q7	2021-06-21	2021-06-24	300.0	<div>DismissAccept</div>

Employees will be able to **view/dismiss/accept** orders that clients have submitted.