Assignment 2

Account creation, login, restricting page navigation to logged users

In this assignment, we will restrict access to the "Sakila" films web application. The features implemented in EWS6 Q1 & Q2 will only be accessible to connected users. To achieve this, we suggest following these steps:

1. Create a "users" table in Sakila that contains a username and a password field.

2. Develop an HTML form to allow new users to create an account. The form submission should undergo validation, with checks for input length (minimum of 3 characters) and the uniqueness of usernames. In case of incorrect input, the form should be redisplayed with the previous data filled in, and fields with errors should be highlighted. Additionally, the password must be securely hashed before storing it in the database table.

3. Implement a login form. After successful login, the user should be directed to a menu page where they can access EWS6 Q1 and Q2 features. It's essential to prevent unauthorized access to restricted pages (e.g., by hacking the URL), and in the event of unauthorized access, the user should be redirected to the login page for authentication.