

**Medical OnEx**

Technology Internship Program

Implementing User Authentication & Session Management

**Overview**

User authentication is very common in modern web applications. It is a security mechanism that is used to restrict unauthorized access to member-only areas and tools on a site.

In this task, you’ll be asked to create a simple login page, and a member only page that displays the user information, and contains a logout button.

**Objectives**

* Setting up your PHP environment and making sure everything is running as it should be.
* Understanding user verification & session management cycles.
* Setting up & becoming familiar with version control (Git) & code repositories.

**Technical Requirements**

* For this task, you may use PHP, HTML, CSS and Javascript (or jQuery) to complete the given objectives.
* Use [Git](https://git-scm.com/) & [Github](https://github.com) to upload your code to a repository that you will share with us at the end of the task.
* You may use a database of your choice if you want to go the extra mile and connect your application to a live database, but you can also hardcode user information in your application instead. We’ll be visiting databases in later tasks.

**Login Page**

* The login page should be pretty straightforward, a form with an input for the user’s username, an input for their password, a “Remember me” checkbox that allows them to stay logged in even if they leave the application, and a submit button.
* If the user logs in with a wrong username/password combination, display an error message for the user.

**Member Page**

* The member page should display a welcome message with the user’s username.
* This page should only be accessed by logged in users. If a non-logged in user (guests) visit this page they should be redirected to the login page.
* The page should contain a logout button that ends the user’s session and redirects them to the login page.