

## Lab 8: SESSION Variables

Your task is to create an extension for the user authentication system developed for lab 7. Your solution should be implemented in PHP, hosted on your Azure VM, and accessible at:

<https://cs3380-PAWPRINT.centralus.cloudapp.azure.com/lab8/>

Your application should provide the functionality for user registration, user login, and user logout. This time, you must utilize SESSION variables to store user login information (not passwords!). The info includes username and user type. Your system should support 2 types of users, admin users and regular users. **This will require you to modify the user table to support user types (create a new database so this will not interfere with lab 7).** When an admin user logs in, they should be redirected to a page that says, "Welcome Admin! You have super privileges". When a regular user logs in, they should be redirected to a page that displays, "Welcome <username>!", where <username> is the actually user's username. *When a user logs out, make sure to destroy the session.*

For us to test your system, we require you to create an admin user account. The login credentials should be:

Username: adminUser

Password: admin

Your database requires 1 table, user. A few additional comments, you **MUST hash passwords**, you **MUST force HTTPS**, and you must use **prepared statements**. Failure to do so will result in a 0% on the assignment. These security measures are critical to every authentication system. In addition to hosting you application on your Azure VM, you must zip up and submit all of your source code on Blackboard by **Sunday, April 24<sup>th</sup> at 11:59pm. Late submissions will not be accepted.**