WAPH-Web Application Programming and Hacking

Instructor: Dr. Phu Phung

Student

Name: Ian Cannon

Email: mailto:cannoni1@udayton.edu

Short-bio: Ian Cannon interests in Reinforcement Learning for Autonomous Control.

Ian's headshot

Repository Information

Respository's URL: https://github.com/Spiph/WebAppDev

This is a public repository for Ian Cannon to store all code from the course. The organization of this repository is as follows.

Lab 3

a. Database Setup and Management

I created `secure_app` and the non-root user `webuser`

database-account

Then I created an admin account

database-data

```
mysql> SELECT id, username, password
    ->   FROM Users;
+----+----------+--------------------------------------------------+
| id | username | password                                         |
+----+----------+--------------------------------------------------+
|  1 | alice    | $2y$10$abcdefghijklmnopqrstuv                    |
|  2 | bob      | $2y$10$1234567890abcdefghijklmnopqrstuvwxyz      |
+----+----------+--------------------------------------------------+
2 rows in set (0.00 sec)

mysql>
```

here is the output for verification

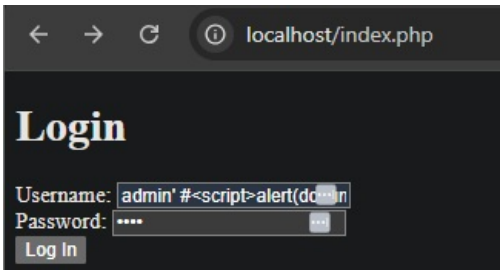
b. A Simple (Insecure) Login System with PHP/MySQL

form

index

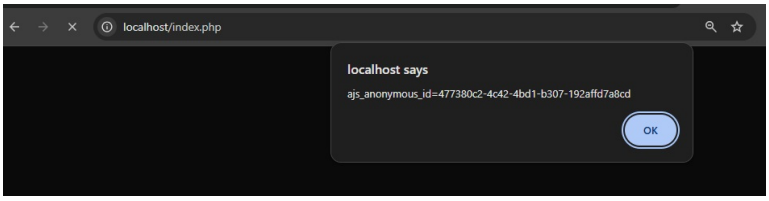
c. Performing XSS and SQL Injection Attacks

Following the instructions from the checkin, here is my attack: `admin' #<script>alert(document.cookie)</script>`



scripting attack

And the output from the attack



Attacked!