

Homework 3- Written Report

Ladelle Augustine

Midwestern State University

Web Application Security

Instructor Dr. Saikat Das

Fall 2021

Introduction

The homework assignment was one question split into six sections labeled a to f. The assignment was to build off of the previous homework and expand our registration page by adding javascript and AJAX. I validated the inputs, created extra php pages for when the user forgets their password. In the database, I created an extra table for the roles of the user. I created three types of users and directed to specific landing page depending on the user type.

What I have done

Question One

I validated the inputs generated from the registration page on the server-side and the client-side. I included my “forgot-pass.php” which, directed the user to a page where they can enter their email. Once, the user enters their email the user is sent an email with the correct reset password link. Then, the user can type in their new password and it will be sent to the database. I made a few adjustments to the structure of my webpage to make it more user-friendly.

Problem Faced

The main problem I faced was a few bugs that I had to use console.log() to check to make sure my results and data contained the right information in the right format. I was able to take more time to understand what I was doing and go back and check each section to ensure that it worked.

Summary

In conclusion, the most challenging part was making sure I maintained each section of code while adding new code. I also was able to spend more time fine-tuning some sections I did not previously. I learned a lot from the work that I did. From last time

I made sure to take each section at a time. This process helped me not make as many errors as I did in the previous homework.