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User Manual

Introduction

This user manual is for the purpose of familiarizing readers with the two websites and the hacking software related the cyber security themed software designed by Hayden Flagg, Pierce Peterson, Jesse Villanueva, and Anthony Quintero. The two websites covered in this manual are both mock stores that allow users to login and sign-up as well as look at items that are in the store. The hacking software is made using the tools given from the black arch program. The goal of our software is not to have a great functional website but to try and hack to different servers and not the comparisons and difference in our attempts.

Bad Server

The “bad” server is a simple to use website meant for looking at store items. The users can access the website by going to the login page. From here users can login by entering their information or they can sign up by clicking on the link which can take them to the sign-up page. Like the login page users can then create an account or they can go back to the login page if they have an account. Once a user has created an account or logged in the user will be able to see their information like their name. Currently this is all that our bad server has for functionality.

Good Server

The website for the “good” server acts just like the “bad” server’s website. It is a simple website where users can login or signup and then view the information of the user and the items in the store. Users can use this version of the website exactly like they would use the bad server version. Also, like the bad version, this version of the server currently doesn’t let users look at store items.

Hacking Software

Like mentioned earlier the, hacking software from black arch tools. The purpose of these tools is for users to try and hack the two before mentioned servers. To do this, users will first need to use black arch and navigate to the jsql-injection tools. From here users can then go to either open one of the two websites and use an auto strategy function to try and attack the websites. After this, if the user’s attack was successful then the database for the attacked server should be open and available for the user to see.

Conclusion

Like mentioned before the point of our teams project is to analyze cyber security and ways that websites can be attacked. This is why that the two websites for our servers are not very functional and only have the purpose of showing information to the user. Our hacking software is also for the very purpose of comparing our two servers, so that we can compare their strengths and weaknesses to better understand how to protect websites.