GSSK Cobber Chat

Kinsey Younggren
Concordia College
Computer Networks
Moorhead, MN 56562
kyounggr@cord.edu

Gansaikhan Shur
Concordia College
Computer Networks
Moorhead, MN 56562
gshur@cord.edu

Shristi Chapagain
Concordia College
Computer Networks
Moorhead, MN 56562
schapaga@cord.edu

Sachin Karki
Concordia College
Computer Networks
Moorhead, MN 56562
skarki1@cord.edu

Abstract—**Introduction, Work completed, Work to do, What is Going Well, Challenges and Potential Resolutions, Short Reflection, and Conclusion.**

I. INTRODUCTION

Cobber Chat is a messaging app on your computer browser where you can talk to your friends over the internet, and not have it be a big communications app where it might crash on you. We chose this project because we saw it a good fun project to do together as a group, also we thought it would improve our computer science skills.

II. WORK COMPLEATED

The work that has been completed so far is making the individual pages for the website. Another thing is making a database for all the information to go including encrypting and decrypting messages etc.

III. WORK TO DO

There are a few things left to accomplish, one thing left to do is putting all the different pages together and have one page go to the other seamlessly. Lastly the main thing to do is make it accessible to anyone on the internet.

IV. WHAT IS GOING WELL

Meating together over zoom has gone well and our communication, if someone cannot make the time we set up to meet it is easy to find a different time to meet all together. The making of the different pages went well on Visual Studio. Another thin

V. CHALLENGES AND POTENTIAL RESOLUTIONS

Some things that are difficult is working on making the website visible to anyone who wants to access it.

VI. SHORT REFLECTIONS

A. Kinsey Younggren

Working on this project has been fun. It has helped me learn more about networks and web applications also learning about how to web, networks, and databases work together all in one.

In this project is not as much about networks as I thought it would have been.

B. Gansaikhan Shur

Working on Cobber Chat, I have enjoyed learning about the standards of different types of encryption. Cobber Chat uses Advanced Encryption Standard (AES) and I liked learning about and implementing it in our project.

Overall, I enjoy working on this project a lot. However, I believe this project does not constitute a lot of the networking aspects I wanted it to have at the beginning of the semester. But, the logic of storing messages, passwords, encryption and decryption, hosting the application, and the one to one chatting feature allows us to understand computer networks in certain ways.

C. Shristi Chapagain

What I enjoy:
I am learning a lot about networks because of this project. In the beginning, we looked at setting up our own ports or sockets, then changing the plan to using one computer as a server and other computers connect to the server within the same network using the IP address. We then changed our plan to use hosting services. I have enjoyed working together with students with different skills.

What I don't enjoy:
This project inclines more towards web applications rather than core computer networks, and using hosting services might not give us in-depth knowledge of how exactly the computers are connected and communicating with each other.

D. Sachin Karki

What I enjoy: I have learned a lot of teamwork and good communication. I learned new things from others and learned twice by teaching to others. I have learned about using our classroom knowledge to develop a huge project. I learned new things such as database and website implementation and using networks for making an overall web application.
What I don't enjoy: I am new to the web application. So, I need to learn everything in a short amount of time which is pretty stressful to me. Besides this, I don't think I don't like anything about this project.

VII. CONCLUSION

In conclusion this has been a fun project to work on together with this group of people. This project is a web application where you can chat to one another. There are a few more things left to do. As a team we have learned a lot from this project and there are a few thigs that we would like to learn more about Networking.