Cobber Chat

Course Name	CSC 345 – Fall 2020
Team Name	GSSK
Team Members	**Team Member 1 – Kinsey Younggren** **Team Member 2 – Shristi Chapagain** **Team Member 3 – Gansaikhan Shur** **Team Member 4 – Sachin Karki**

Executive Summary

Purpose

Cobber Chat is going to be a messaging platform where one person can talk to another on a different computer. Cobber Chat is going to allow people to communicate with each other on a low traffic platform, as well as it will be a challenging project for our group which would allow us to learn about computer networks in depth. Anyone could beifit from this project

Synopsis

This project is for someone to talk to someone else that has a computer that does not want to use or sign up for big companies. This is for anyone that would want to use it. Some people might like it better than other messaging platforms because it is simple, and has low traffic of people.

Background

Problem

Many Messaging platforms are high traffic areas and could crash with making this messaging platform it has fewer people using it so it is low traffic. Also, this helps us understand networking better and we could talk back and forth on something we made. With others it would be somewhere where they can talk to their friends for fun.
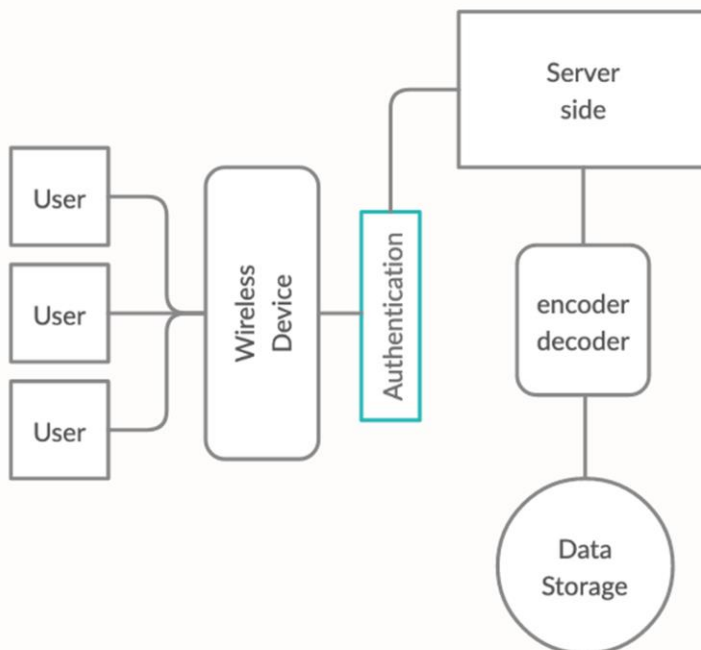
Project Plan

Milestone Summary

- Milestone 1: get group together and make a contract.
    - Completed
- Milestone 2: Figure out what final project is going to be and plan it out.
    - Completed.
- Milestone 3: Make a sketch of what the project is going to look like on the computer and how it is going to work together.
    - Completed
- Milestone 4: Have a good start on the project.
    - Completed
- Milestone 5: Figure out what is left of the project and dived up the work among us and continue working.
    - Deadline: October 29
- Milestone 6: Close to a little more than halfway done.
    - Deadline: November 16
- Milestone 7: Have the final project and presentation done.
    - Deadline: December 9

Milestone 1 and 2 Details

- Milestone 1

  - Team lead: Shristi

  - Worked on making a group contract and see when we are all available for team meetings

  - Meetings on Monday at 2

  - Assigned people for team leads for each milestone

  - Completed: September 10

- Milestone 2

  - Team lead: Kinsey Younggren

  - Figured out final project

  - Made a Network Topology Diagram

    - By: Gansaikhan Shur

Cobber Chat UML Diagram

User

User

User

Wireless Device

Authentication

Server side

encoder decoder

Data Storage

Milestone 3 Details

- Milestone 3

    o Team Lead: Khan

    o Designed and Sketched our website and how the data storage and retrieval part would work.

    o Kinsey

Cobber Chat SETTINGS

Nibblet

Kinsey

Shristi

Khan

Sachin

← Back **Nibblet**

Nibblet: Hey how's it going!

Me: Good how about you!

Nibblet: Good! What are you up to right now?

Just doing some homework. SEND

You would have a list of your friends in your home page and would be able to click on then to send them a text

Milestone 3 Details

- Milestone 3

  - Shristi

Account Settings

| General |
| Security and Login |

General Account Settings

Name:	GSSK	EDIT
Username:	gssk	EDIT
Email:	gssk@cord.edu	EDIT
Phone:	XXX.XXX.XXXX	EDIT

Account Settings

| General |
| Security and Login |

Security and Login Settings
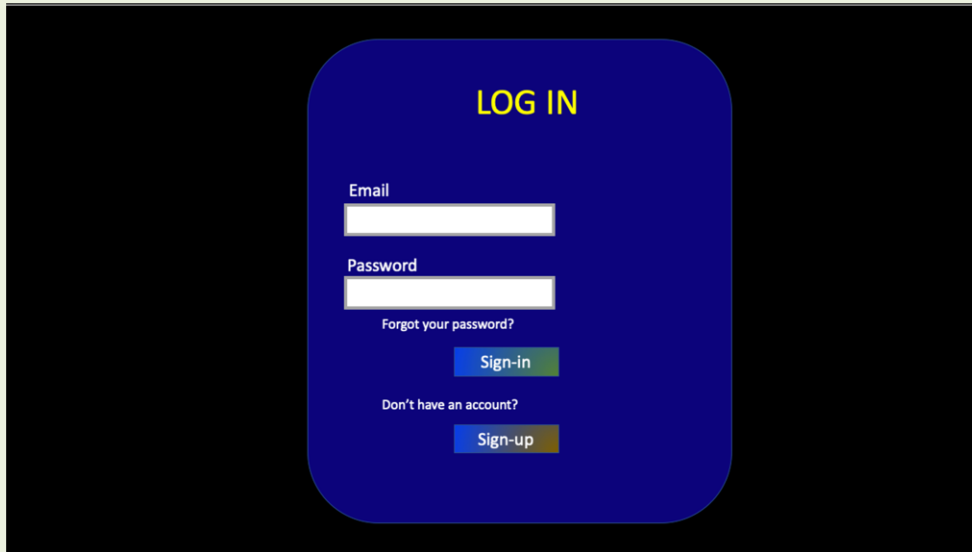
Change Password:

Current:

New:

Re-type New:

Forget your Password?

Save

A Settings page where you would be able to change your username, passwords, etc

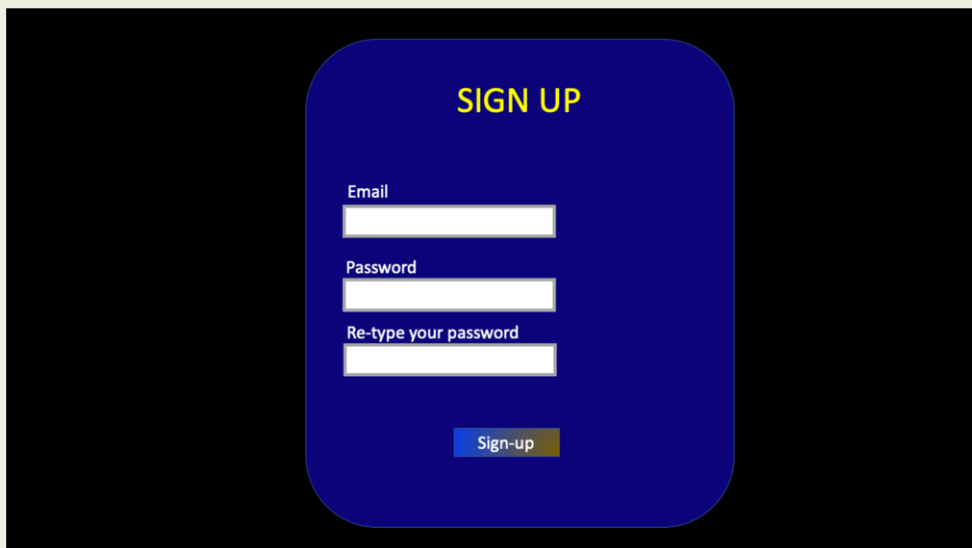## Milestone 3 Details

- Milestone 3

    o Sachin
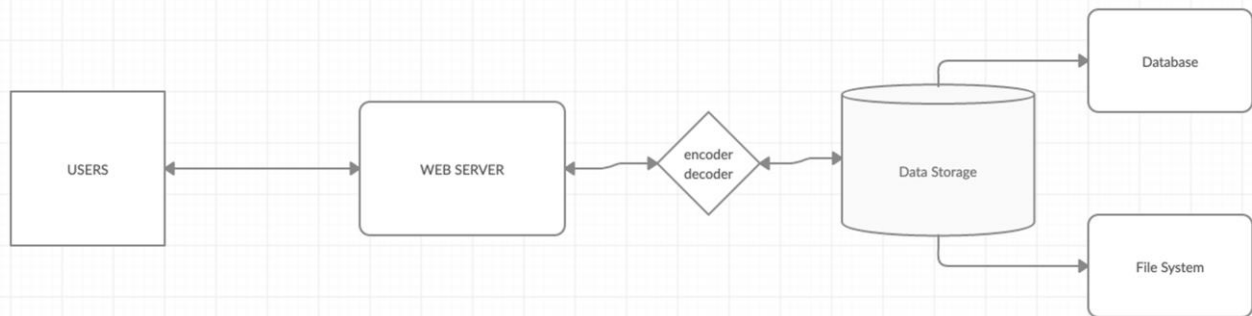

A log in page

    o Khan

Milestone 3 Details

- Milestone 3


```
[
  {
    username: "Username",
    password: "superhard_password"
    friends: [
      {
        friend1: {
          {
            name: "Linda",
            conversation: [
              {
                date: "10/10/2020",
                time: "4:21PM",
                text: "We're over.",
                status: "seen"
              ]
            }
          }
        };

        friend2: {
          name: "John",
          conversation: [
            {
              date: "10/10/2020",
              time: "10:21PM",
              text: "k whatever",
              status: "unseen"
            }
          ]
        }
      }
    ]
  }
];
```

A sample Json format

- Milestone 3

USER ID	PASSWORD	File Location	Friends
USER1	YouCantGuessLmao	"./usr/{}/txt/".format(USER_ID)	User2, User3, User5
USER2			
USER3			
USER4			
USER5			

A sample database table

Project Resources

Date	Name/URL	Note
9/27/2020	https://docs.oracle.com/cd/E19263-01/817-6440/topology.html	Helped on the topology diagram.