

NAME : SSONAM RASTOGI

PROJECT : ChatApp

TOOLS: VISUAL STUDIO, BOOTSTRAP , NODEJS,

EXPRESS, SOCKET.IO,MONGODB,

MONGOOSE,BODY-PARSER &GIT HUB

LANGUAGES : HTML 5, CSS 3 & JAVASCRIPT

GIT HUB LINK:

<https://github.com/sonamr8/ChatApp.git>

Purpose

This app is dynamic where a user enter his/her name and then they are directed to the chat room and can start chatting. Their database will be stored in mongoDB

Features

It is a dynamic chat app.

In its first page users have to enter their name and press enter.

This will direct them to the chat room page

If another user joins the chat ,they can chat with each other.

Chat room will be showing the number of users in the chat room.

If a user left ,it will show that “that user” left.

Their database will be stored in mongoDB

Tools and Languages Used

Tools : Visual Studio, NodeJs ,Express,MongoDB,Body-Parser,Socket.io,Mongoose and Github

Languages: HTML5, CSS3, JavaScript

Constraints

The biggest constraints was the time given to deliver the website. Client ask for specific colors and fonts,thus the creative team feels that this limits their creativity but on the contrary it helps to defineproject scope and help to deliver the project on time.

Steps Involved

STEP 1

After gathering the requirement of the project, I have the backlog. Then divided the User Story intoSprints

1st sprint – making a chat app using Express,HTML,Javascript and Css

2nd sprint-Making the application Dynamic by using Socket.io

3rd sprint- Storing the database using Mongoose ,MongoDB and Body-Parser

STEP 2

Added a folder in my computer ,then opened Git Bash in that folder ,then typed following codes:

- \$ git config –global—user.name"Sonamr"
- \$ git config –global—user.email "sonamrastogi8@gmail.com"
- \$ git log
- \$git init

Then in git bash

Added and committed the progress using:

\$ git commit -am"commit message "

This will save the file in the local repository.

Now, your file is saved in local repository.

This step is used again and again to add a file in index and then in local repository

STEP 3

A remote repository must be created and then added to the git bash

- \$ git add README.md
- \$ git commit -m "first commit"
- \$ git branch -M main
- \$ git remote add origin <https://github.com/sonamr8/ChatApp.git>

To push the code to remote repository, we use following code:

- \$ git push -u origin main

STEP 4

Before the final push, I have removed the node_module as I have added a node file by using node initcode in the Terminal of VS code, as it was an unwanted file.

