CS359 2023 Proj 1 - Chat Tool

Mayank Agarwal

Deadline: 8 May, 2023. 23:59. All of your git repos shall be pulled after that. That will be the version which will be checked.

Doubts: All Doubts relating to CS358 2023 Assignment shall be posted on Google Form

https://docs.google.com/forms/d/e/1FAIpQLSdVylWbeelAnQKYDCfqoyxcqSwm_FiVJDbzszV2Mpg-zZCfU viewform?usp=sf_link

I will respond to the queries here:

https://docs.google.com/spreadsheets/d/1jHhkLLGrRSToYZH857D6hM3SY8Bi0LoTtqDZ-rNrvGw/ edit?usp=sharing

Please avoid email / wa / dm

So common doubts can be solved and we shall be able to keep track in an organized manner.

Project **Task**:

Develop a web-based chat application (not a standalone or command-line-based one) with a group of two students. Here is a list of chat features. This project shall be evaluated in the CS359 lab component in addition to the assignments. The following features should be present in the chat application: Web Programming Language can be any one that you are comfortable with. The usage of backend database for storing chat history is mandatory.

Fill your project partner here https://forms.gle/sB2TD8U5MgQo2dhH6

- Sign up or Login

- Push Notifications in the Browser

- Profile Customization

- Last seen by the user

- App Settings (Theme Settings, Export Chat as Txt)

- Dark and light modes

- Text Chat

- Audio (record audio and send)

- Message Disappearing (Like WhatsApp)

- File Transfer (including binary files like pdf, mp3, etc.)

- Group chat (like a WhatsApp group)

- A simple Chatbot (feature can be anything, but not like Hello World! chatbot)

  Any other features which you can think of.