**Chatify Documentation**

**Team Members**

* Jibril (Group Leader)
* Caesar
* Jared
* Astha
* Quang

**Project Overview**

* Chatify is a real-time chat application with client and server components
* It has a user interface which interacts with the backend

**Team Members’ Contributions**

Jibril (Group Leader) – Designed the UI in Figma and wrote the UI code in C.

Caesar – Wrote the client and server components in C.

Jared – Helped with the UI code and the integration of the logic in the UI components.

Astha – Wrote an incomplete web socket in C, which was of no use in the project.

Quang – Contributed nothing.

**Tech Stack**

Frontend: Figma for design, GTK for UI implementation in C

Backend: C

Application Requirements

* Real time communication: Implemented sockets for real-time messaging between clients and server.
* Client component: Developed a user-friendly interface for users to send and receive messages.
* Server component: Created a server to handle messages from the clients and send responses back.

Additional Notes

* Communicated through email and Discord for effective team collaboration.
* Ensured code quality by checking for errors and following best practices.