Chat Application

 **About the project**: This project focuses on building a chat application. The beginner version is a basic text-based command-line chat where two users can exchange real-time messages using a simple client-server model. The advanced version is a GUI-based chat application with features such as user authentication, multiple chat rooms, multimedia sharing, message history, notifications, emojis, and encryption for data security.

 **Skills used for advanced project requirement**: Designing an intuitive and responsive user interface, implementing user registration and login for authentication, enabling multimedia sharing, storing and displaying message history, providing notifications, integrating emoji support, and ensuring data security through encryption.

 **Concepts used**: Socket programming for real-time communication (for beginners), GUI design, authentication, multimedia sharing, message history, notifications, emoji support, and security measures.