Regular User

Full Name +	Team/Chat Name • Member List

Private Chats

Name MembersList	Last Message Time
Name MembersList	Last Message Time
Name MembersList	Last Message Time
Name MembersList	Last Message Time

Group Chats

Name MembersList	Last Message Time
Name MembersList	Last Message Time
Name MembersList	Last Message Time

Name • Time
Message

Name • Time
Message

Name • Time
Message

Name • Time
Message

Name • Time
Message

Name • Time
Message

TextInputField	Send

IT Admin

IT Badge

| Full Name
IT View +	Team/Chat Name • Member List

Private Chats

Name MembersList	Last Message Time
Name MembersList	Last Message Time
Name MembersList	Last Message Time
Name MembersList	Last Message Time

Access to all Users

Group Chats

Name MembersList	Last Message Time
Name MembersList	Last Message Time
Name MembersList	Last Message Time

Access to all Chats

Name • Time
Message

Name • Time
Message

Name • Time
Message

Name • Time
Message

Name • Time
Message

Name • Time
Message

TextInputField	Send

Login Pane

Chat Relay Icon

Sign into your Account

Username

Password

Login   Cancel

Create Chat Pane

Create Chat

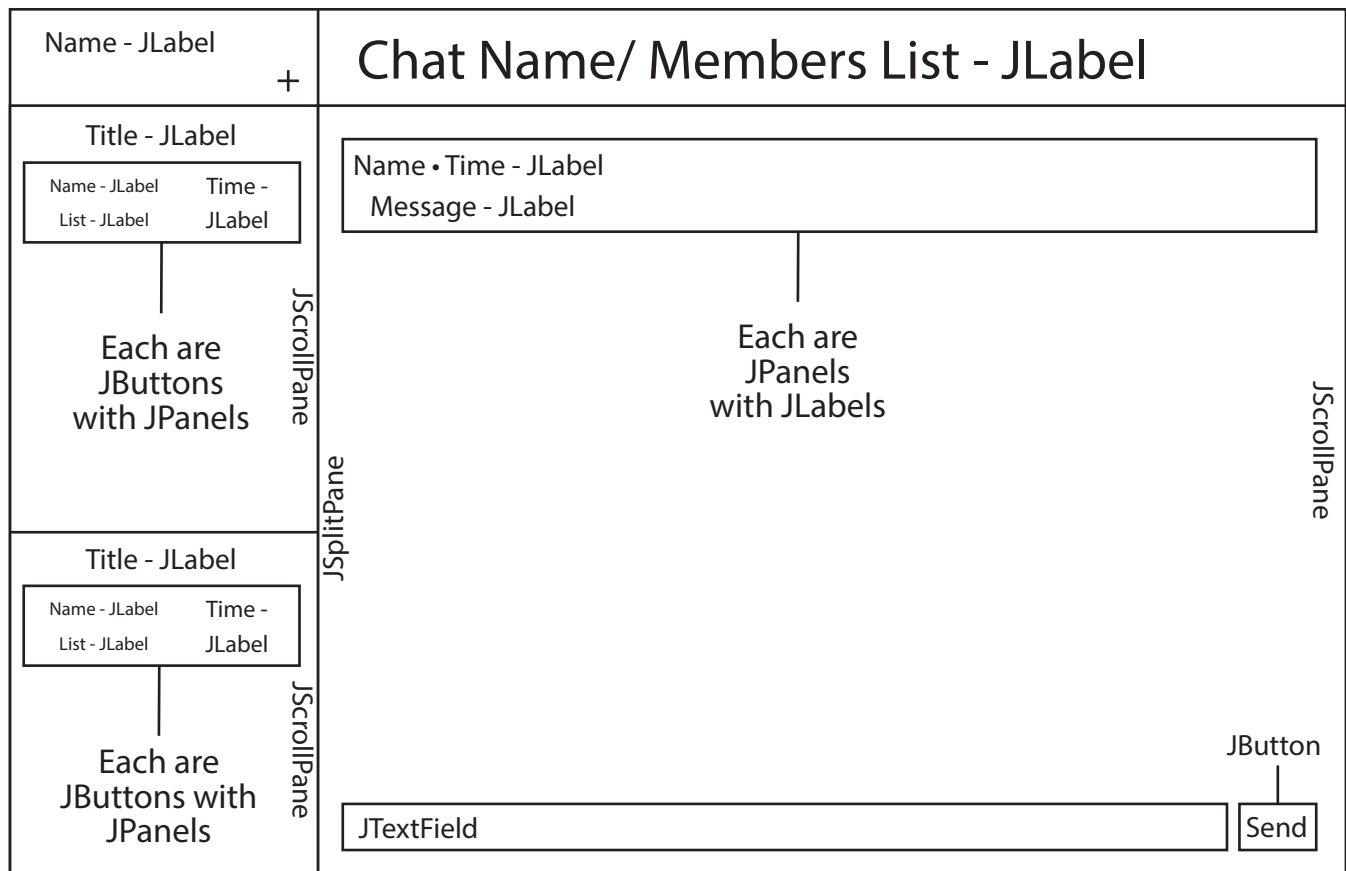Name:

Add to Group:

Create   Cancel

JFrame - Swing Representation

Name - JLabel	+	Chat Name/ Members List - JLabel

Title - JLabel

Name - JLabel	Time - JLabel
List - JLabel	

Each are JButtons with JPanels

JScrollPane

Title - JLabel

Name - JLabel	Time - JLabel
List - JLabel	

Each are JButtons with JPanels

JScrollPane

JSplitPane

Name • Time - JLabel
Message - JLabel

Each are JPanels with JLabels

JScrollPane

JButton

JTextField

Send

Example User

Talhah Shaik	+	Dev Team • Talhah, Kenny, Zoheb

Private Chats

Kenny	4/9/2025 3:42PM

Zoheb	4/8/2025 5:45PM

Group Chats

Dev Team	4/9/2025 2:00PM
Kenny, Zoheb	

Zoheb • 4/9/2025 1:25PM
I just added a commit for the sequence diagrams.

Kenny • 4/9/2025 1:30PM
I'm still updating the class diagram and will update the document by tonight

Talhah • 4/9/2025 2:00PM
Perfect, I'm halfway done with the presentation and i'll commit soon

Message

Send