# Chat Application Documentation

## Introduction

This document provides documentation for the Chat Application, a Spring Boot project. The application allows users to enter a chat room, send messages, and view chat history.

## Usage

1. \*\*Run Locally:\*\*

- Clone the project repository to your local machine:

```

git clone https://github.com/aadiisawant/Basic-Chat-App.git

```

- Open the project in your preferred IDE (like IntelliJ IDEA or Eclipse).

- Run the `ChatApplication` class, which contains the `main` method, to start the Spring Boot application.

2. \*\*Access the Chat Application:\*\*

- Open a web browser and navigate to [http://localhost:9090](http://localhost:9090).

3. \*\*Enter the Chat Room:\*\*

- Enter your name and click on the "Enter" button.

4. \*\*Send Messages:\*\*

- Once inside the chat room, type your message in the input field.

- Click the "Send" button to send the message to the chat room.

5. \*\*View Chat History:\*\*

- Click the "Show History" button to fetch and display chat history.

- The chat history will be shown below the input field.

6. \*\*Delete Chat History:\*\*

- Click the "Delete History" button to delete the chat history.

- This action will remove all previous messages from the chat history.

7. \*\*Logout:\*\*

- Click the "Logout" button to exit the chat room.

- You can re-enter the chat room later by providing your name again.

## Features

- Real-time chat using WebSocket (STOMP and SockJS).

- Dynamic display of messages without page refresh.

- Chat history storage on the server.

- Ability to show and delete chat history.

- Simple and user-friendly interface.

## Dependencies

- Bootstrap: [Link to Bootstrap](https://getbootstrap.com/)

- jQuery: [Link to jQuery](https://jquery.com/)

- SockJS: [Link to SockJS](https://github.com/sockjs/sockjs-client)

- STOMP: [Link to STOMP](https://github.com/stomp-js/stompjs)

## Authors

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