

Collaborative Code Editor Application

This project is a collaborative code editor application that allows multiple users to edit documents in real-time, communicate via chat, and share documents with others. It includes features like document versioning, user authentication, and a user-friendly interface for document management.

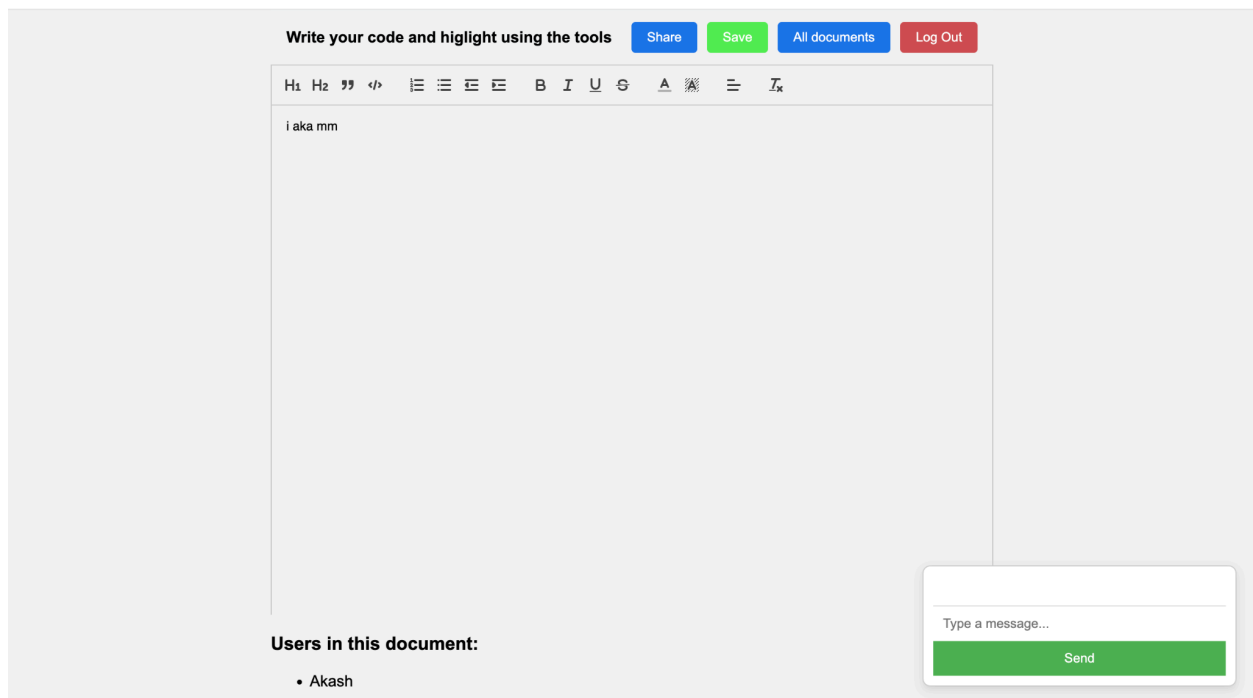
Features

- Real-time collaborative code editing
- User authentication (registration and login)
- Chat functionality for smooth communication between collaborators
- Document versioning with autosave
- Document sharing via shareable links
- Access all documents from a dropdown menu
- Logout option

Installation

Prerequisites

- Node.js (v14 or higher)
- npm (v6 or higher)
- MongoDB



Registration and Login

1. Register a new user by providing a unique username and password.
2. Login using the registered username and password.

Document Editing

- Once logged in, you can create a new document or open an existing one.
- Edit the document collaboratively with other users in real-time.

Chat Functionality

- Use the chat box to communicate with other users editing the same document.

Document Sharing

- Click on the "Share" button to get a shareable link for your document.
- Share the link with others to collaborate on the same document.

Saving Documents

- Click on the "Save" button to save the current version of the document along with all current editor details.
- Document versions are saved automatically at regular intervals.

Accessing All Documents

- Click on the "All documents" button to open a dropdown menu displaying all your documents.
- Select a document from the dropdown to open and edit it.

Viewing Current Users

- See the list of all current users who are editing the document in the user list section.

Logout

- Click on the "Logout" button to log out from the application.

