**# Message Board Application**

This is a message board application that allows users to post messages and view other users' messages. Users can register and login to the application and can edit and delete their own posts.

**## Technologies Used**

- Spring Boot for backend development

- H2 database for data storage

**## Installation**

To install and run this application on your local machine, follow the steps below:

1**. Clone the repository from GitHub:**

git clone -b message-board-backend <https://github.com/Hajrakhan/Message-Board-App.git2>

2. **Import the project in STS as maven existing project**

**3. Run the project as spring boot project.**

4**. The frontend will be accessible at the backend will be accessible at `http://localhost:9090`.**

**## Usage**

**## Features**

- User registration and login

- Add, edit and delete messages

- View all messages

- Real-time updates without page refresh implemented for addPost only.

## API Endpoints

- `POST /api/auth/register` - Register a new user

- `POST /api/auth/login` - Login to the application

- `GET /api/post/getAllPost` - Get all messages

- `PUT /api/ post /updatePost/{id}` - Update an existing message

- `DELETE / post /deletePostById/{id}` - Delete a message

- `POST / post /addPost` - Add a new message

**## Tests**

- Unit tests for the backend application are available in the `src/test/java` directory