

## Steps to run the application:

1. Load the (social-media) project directory into your favourite IDE as Java project. (i.e.STS )
2. Perform a maven update (check force update snapshot release)
3. Write click on the project and run (As as spring boot application)
4. There is no need to setup database. H2 file based database has been provided in the project.
5. Wait for some time so that Application finishes boot strapping
6. Visit <http://localhost:8080/home.html> and you will see following welcome screen. that means you are able to successfully run the application.

## Arif's Social Media

Hey There, Welcome to Arif's Social Media! Here are some public statuses:

LoginRegister

Mr. Mostafa

Having a good day

Sylhet

Mr. Mostafa

Swimming at Specific

Bandarban

Ms. Starr

Enjoying nature

Sylhet

Ms. Starr

Writing a new book

Bandarban

7. You can log in using my username and password which are *username* and *password* respectively. Or alternatively you should be able to register and get your own username and password.

## Arif's Social Media

Hello Mohammad, Welcome to Arif's Social Media! Here are some current statuses:

Logout

Mr. Mostafa

Having a good day

Sylhet

Edit

Mr. Mostafa

Swimming at Specific

Bandarban

Edit

Mr. Mostafa

Having dinner with family

Khulna

Edit

Ms. Starr

Enjoying nature

Sylhet

Ms. Starr

Writing a new book

Bandarban

Post a new Status

8. You should see editing options for the status once you are logged in and a button at the bottom of the page from where you can add new post. You should not be able to edit someone else's post. See following screen bellow:

9. Form for entering and editing status will look like following:

## Arif's Social Media

Welcome to Arif's Social Media! Here you can add your status.

Logout

Status

Enter your current status

Having dinner with family

Check in location

Khulna

Choose privacy

☐ Public

☒ Private

Post

Cancel

10. Form for registration will looks like following:

## Arif's Social Media

Hey There, Welcome to Arif's Social Media!

Home

New User Registration

Title

Mr.

First Name

Must be between minimum 1 and maximum 20 characters

Last Name

Must be between minimum 1 and maximum 20 characters

Create a username

Username can not be empty

Create a password

Must be between minimum 4 and maximum 12 characters

Create Profile

11. If there is any issues during running the application you can always call Mr. Mostafa at 01746159128.

### **Technologies:**

1. Spring boot
2. Spring data-JPA/Hibernate
3. JSR 303 validation
4. Spring MVC
5. JSP
6. H2 in file Database
7. Spring security (Java config)
8. Logging using log4j

### **Application features:**

1. Anonymous user can visit the application
2. User can log in
3. First time user can register
4. User can add a status
5. User can edit his/her status only
6. User can only see all public and all his/her statuses
7. There is no option to delete a status entirely
8. Location dropdown gets populated from database values which are initially saved to database during the start of the application.