## **System Requirements Specification**

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For

# **Social Networking App**

**Version 1.0** 

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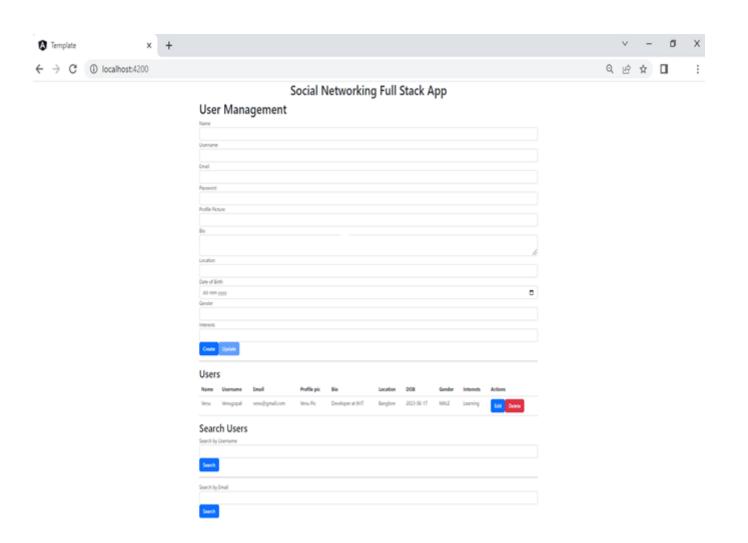
#### FRONTEND-ANGULAR SPA

#### 1 PROBLEM STATEMENT

Social Networking is SPA (Single Page Application), it allows to manage the users with functionalities to create a new user, update an existing user, get detailed information, and search any particular user.

#### 2. PROPOSED SOCIAL NETWORING MANAGEMENT WIREFRAME

#### 2. 1 HOME PAGE



### 3. Business-Requirement:

As an application developer, develop the Social Networking App (Single Page App) with below guidelines:

User	User Story Name	User Story
Story #		
US_01	Home Page	As a user I should be able to visit the home page as default page. Where I can see a form to create or update the user, list of all users with options to edit and delete any user and last two should be a form to search any user with user name or email.
US_01	Home Page	As a user I should be able to see the homepage and perform all operations:
		Acceptance criteria:
		As a user I should be able to furnish following details at the time of creating the user.
		1.1 Name
		1.2 User name
		1.3 E-mail
		1.4 Password
		1.5 Profile picture
		1.6 Bio
		1.7 Location
		1.8 Date of birth
		1.9 Gender
		1.10 Interests
		Update button should be disabled by default, and should be enabled when you click on Edit button.
		3. Name filed min length is 3 and max length 50.
		4. User name filed min length is 3 and max length 20.
		5. E-mail should be valid email.
		6. Password min length is 8 and max length 20.
		7. Bio max length is 200.

<ul><li>8. Location max length is 100.</li><li>9. Name, username, email, password fields are mandatory.</li></ul>
If any of these fields are missing or if any constraint is not satisfied then must show a message.
10. Form control names should be case sensitive and they should be like as follows:
name
username
email
password
profilePicture
bio
location
dateOfBirth
gender
interests

#### 4. EXECUTION STEPS TO FOLLOW FOR FRONTEND

- All actions like build, compile, running application, running test cases will be through Command Terminal.
- To open the command terminal the test takers, need to go to
  Application menu (Three horizontal lines at left top) -> Terminal ->New Terminal.
- 3. This is a web-based application, to run the application on a browser, use the internal browser in the environment.
- 4. You can follow series of command to setup Angular environment once you are in your project-name folder:
  - a. npm install -> Will install all dependencies -> takes 10 to 15 min

- b. npm run start -> To compile and deploy the project in browser. You can press
  <Ctrl> key while clicking on localhost:4200 to open project in browser -> takes 2 to
  3 min
- c. npm run test -> to run all test cases. It is mandatory to run this command before submission of workspace -> takes 5 to 6 min
- 5. You need to use CTRL+Shift+B command compulsorily on code IDE, before final submission as well. This will push or save the updated contents in the internal git/repository, and will be used to evaluate the code quality.