
System Requirements Specification Index

For

HealthCare Information System

Version 1.0

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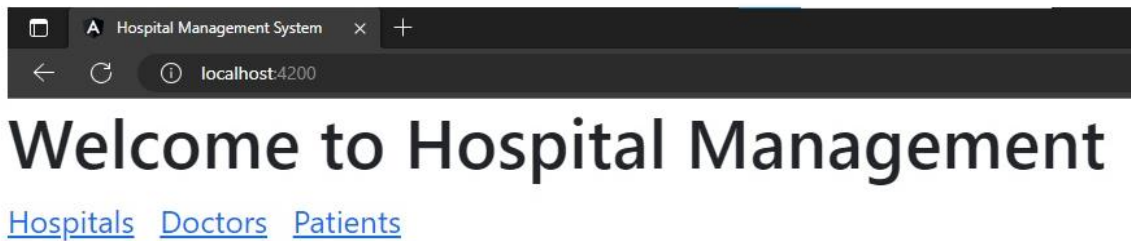
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1 PROBLEM STATEMENT

HealthCare information system is SPA (Single Page Application), it allows to manage hospitals, doctors, and patients' profiles. It helps us to view, update, delete, create and filter all modules along with the functionality to search all modules.

2. PROPOSED HEALTHCARE INFORMATION SYSTEM WIREFRAME

2. 1 HOMEPAGE



2. 2 HOSPITALS PAGE

Hospital Management System

localhost:4200/hospitals

Welcome to Hospital Management

[Hospitals](#) [Doctors](#) [Patients](#)

Hospitals

Name:

Create

All Hospitals

ID	Name	Actions
1	hospital 1	<div>EditDelete</div>
2	hos 2-1	<div>EditDelete</div>
3	hos 3	<div>EditDelete</div>

Search Hospitals

Search by Name:

Hospital Management System

localhost:4200/hospitals

Welcome to Hospital Management

[Hospitals](#) [Doctors](#) [Patients](#)

Hospitals

Name:

Create

All Hospitals

ID	Name	Actions
1	hospital 1	<div>EditDelete</div>
13	hospi	<div>EditDelete</div>

Search Hospitals

Search by Name:

2. 3 DOCTORS PAGE

Hospital Management System

localhost:4200/doctors

Welcome to Hospital Management

[Hospitals](#) [Doctors](#) [Patients](#)

Doctor List

Search by Name:

Create Doctor

Name:

Hospital:

ID	Name	Hospital	Actions
1	doctor 1	hospital 1	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
2	doc 234	hospital 1	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
3	doc 3	hos 2-1	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
4	doc 5	hos 2-1	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
5	doct 6	hos 3	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

Hospital Management System

localhost:4200/doctors

2. 4 PATIENTS PAGE

Hospital Management System

localhost:4200/patients

Welcome to Hospital Management

[Hospitals](#) [Doctors](#) [Patients](#)

Patients

- patient 12 - doctor 1

Edit Delete
- pat 2 - doctor 1

Edit Delete
- patient 3 - doc 3

Edit Delete
- pat 4 - doc 3

Edit Delete

Create / Update Patient

Name:

Doctor:

▼

Create

Search Patients by Name

Enter patient name

Search

Hospital Management System

localhost:4200/patients

Welcome to Hospital Management

[Hospitals](#) [Doctors](#) [Patients](#)

Patients

- patient 12 - doctor 1

Edit Delete
- patient 3 - doc 3

Edit Delete

Create / Update Patient

Name:

Doctor:

▼

Create

Search Patients by Name

pati

Search

3. BUSINESS-REQUIREMENT:

As an application developer, develop the Healthcare Information System (Single Page App) with below guidelines:

User Story #	User Story Name	User Story
US_01	Home Page	As a user I should be able to visit the Home page as default page. There should be heading as "Welcome to Hospital Management" and 3 hyperlinks as "Hospitals", "Doctors" and "Patients" for routing to "/hospitals", "/doctors" and "/patients" page respectively.
US_02	Hospitals Page	<p>As a user I should be able to see the hospital page and perform all operations:</p> <p>Acceptance criteria:</p> <ol style="list-style-type: none">1. As a user I should be able to furnish the following details at the time of creating hospital.<ol style="list-style-type: none">1.1 Name2. Create button should be disable until name field is validated.3. Edit and delete functionality should be there to edit and delete the hospital respectively.4. We should be able to search the hospital on name basis and list should be updated accordingly.
US_03	Doctors Page	<p>As a user I should be able to see the doctor page and perform all operations:</p> <p>Acceptance criteria:</p> <ol style="list-style-type: none">1. As a user I should be able to furnish the following details at the time of creating doctor.<ol style="list-style-type: none">1.1 Name1.2 Hospital

		<ol style="list-style-type: none"> 2. Create button should be disable until both name and hospital fields are selected. <p>Note: - While creating a new doctor, a dropdown should be visible with hospital name.</p> <ol style="list-style-type: none"> 3. Edit and delete functionality should be there to edit and delete the doctor respectively. 4. We should be able to search for the doctor on a name basis and the list should be updated accordingly.
US_04	Patients Page	<p>As a user I should be able to see the patient page and perform all operations:</p> <p>Acceptance criteria:</p> <ol style="list-style-type: none"> 1. As a user I should be able to furnish the following details at the time of creating patient. <ol style="list-style-type: none"> 1.1 Name 1.2 Doctor 2. Create button should be disable until both name and doctor fields are selected. <p>Note: - While creating a new patient, a dropdown should be visible with patient name.</p> <ol style="list-style-type: none"> 3. Edit and delete functionality should be there to edit and delete the patient respectively. 4. We should be able to search for the patient on a name basis and the list should be updated accordingly.

4. CONSTRAINTS

1. On the page load, input focus must come to the first name input field.
2. You should be able to press the "TAB" key and "SHIFT + TAB" to navigate from top field to bottom field and vice-versa.

5. EXECUTION STEPS TO FOLLOW FOR FRONTEND

1. All actions like build, compile, running application, running test cases will be through Command Terminal.
2. 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.