System Requirements Specification

Index

For

Property Listing Platform App

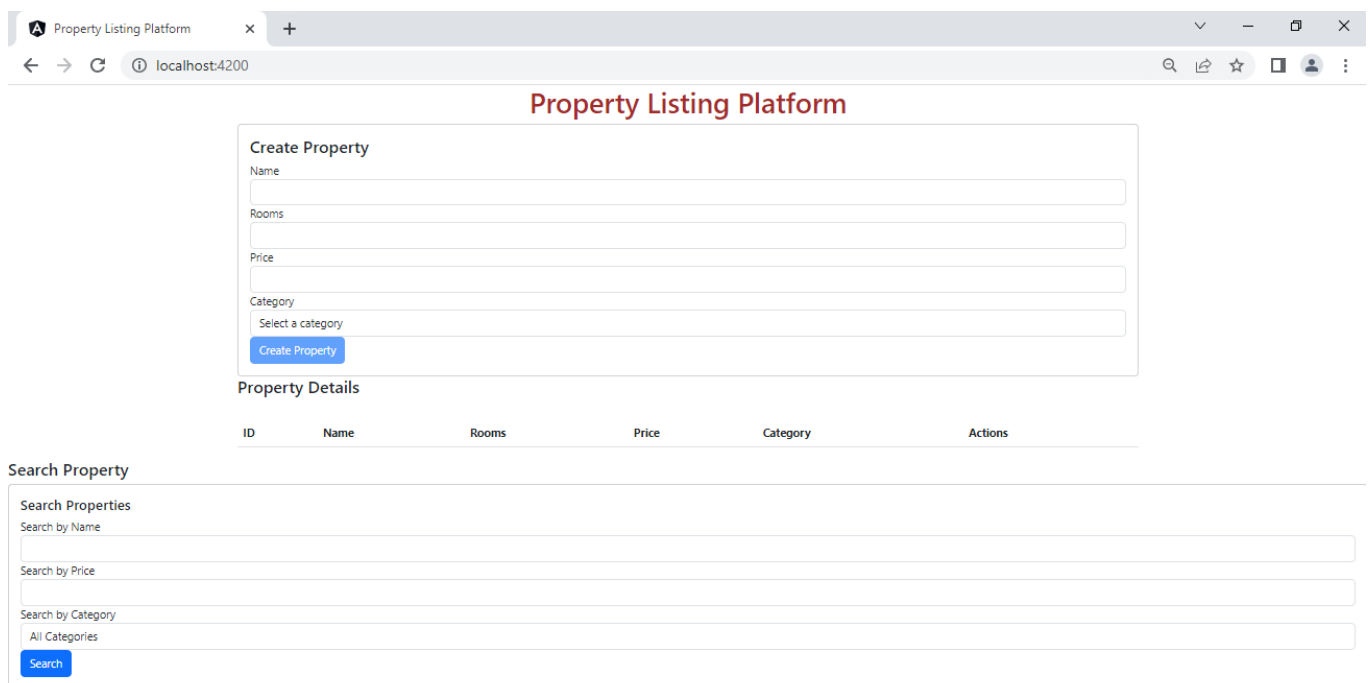**Version 1.0**

TABLE OF CONTENTS

FRONTEND-ANGULAR SPA

1 PROBLEM STATEMENT

Property Listing Platform is SPA (Single Page Application), it allows to manage the properties with functionalities to create a new property, update an existing property, get detailed information, and search property.

2. PROPOSED PROPERTY LISTING PLATFORM WIREFRAME

2. 1 HOME PAGE

AFTER CREATING THE PROPERTIES:

Property Listing Platform

Create Property

Name

Rooms

Price

Category

Create Property

Property Details

ID	Name	Rooms	Price	Category	Actions
3	Property1	6	9999	COTTAGES	Edit Delete
4	Property2	7	8000	HOUSES	Edit Delete

Search Property

Search Properties

Search by Name

Search by Price

Search by Category

All Categories

Search

ON CLICK EDIT BUTTON:

Property Listing Platform

Create Property

Name

Property1

Rooms

6

Price

9999

Category

Cottages

Update Property

Property Details

ID	Name	Rooms	Price	Category	Actions
3	Property1	6	9999	COTTAGES	Edit Delete
4	Property2	7	8000	HOUSES	Edit Delete

Search Property

Search Properties

Search by Name

Search by Price

Search by Category

All Categories

Search

3. BUSINESS-REQUIREMENT:

As an application developer, develop the Property Listing Platform App (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 the default page. Where I can see a form to create or update the property, a list of all properties with options to edit and delete any property and at last there should be a form to search any property on its name, price or category criteria.

US_01	Home Page	As a user I should be able to see the homepage and perform all operations:
		
		Acceptance criteria:
		
		1. As a user I should be able to furnish the following details at the time of creating the property.
		
		    1.1 Name
		
		    1.2 Rooms
		
		    1.3 Price
		
		    1.4 Category
		
		2. Create Property button should be disabled until all fields are validated.
		
		3. Update Property button should be displayed when you click on the Edit button.
		
		4. Update Property button should be disabled until all fields are validated.
		
		5. Name field min length is 3 and max length 20.
		
		6. Rooms filed min value is 5 and max value 200.
		
		7. Price field min value is 0 and max value 9999.
		
		8. All fields are mandatory. If any field is missing or if any constraint is not satisfied then must show a message.
		
		9. Property Form control names should be case sensitive and they should be like as follows:
		
		    name
		
		    rooms
		
		    price
		
		    category

		10. Search form fields are case sensitive and they should be like as follows: name price category These 3 fields are not mandatory in the search form.

4. 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.**