SUBJECTIVE TEST – ANGULAR FRONT END

THE HOUSING APP

This software needs to address the following requirements:

Business Requirements:

The project is for administrators who use the system to perform the following operations.

The Administrator module should allow administrators to:

A. View the details regarding housing information.
B. Fetch details from using housing service.
C. View the house occupants GitHub account details.
D. Fetch details from using user service.
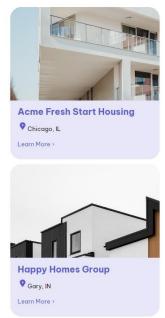**E.** Delete GitHub account details using user service.

US01: Managing Housing and User Details

As an Administrator,

I want to view the housing and user details in the front-end Angular SPA as depicted by the picture below.

I want to view all the homes, and GitHub user account details

The homes link should display all the homes

The user link should display all the users.

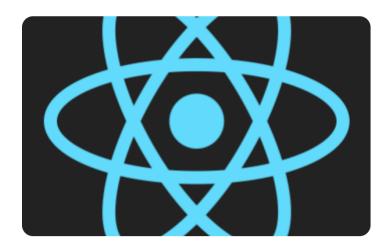The GitHub account details should be deleted using the Delete button.

🏠Homes ⭘Users

Delete

react

📍United States of America,

About this housing location

Units available: 4
Does this location have wifi: true
Does this location have laundry: true

Once the user is deleted, it should navigate to the main page containing homes/users.

The User data is provided in the array below:

```
[
    [
        {
            "login": "angular",
```

```json
            "avatar_url": "https://avatars.githubusercontent.com/u/139426?v=4",
            "html_url": "https://github.com/angular",
            "location": "United States of America",
            "email": "angular@angular.io",
            "created_at": "2009-10-13T22:16:19Z",
            "updated_at": "2023-11-06T19:03:11Z"
        },
        {
            "login": "react",
            "avatar_url": "https://avatars.githubusercontent.com/u/102812?v=4",
            "html_url": "https://github.com/react",
            "location": null,
            "email": null,
            "created_at": "2009-07-08T09:38:38Z",
            "updated_at": "2023-08-22T21:23:30Z"
        }
    ]
]
```

Functional Requirements:

A. The Application should be implemented using Angular.

B. Apply singleton pattern for fetching data from Json using service.

C. Utilize the various features of Angular.

Best Practices

A. Follow proper naming conventions.

B. Ensure proper structure and code quality

C. The implementation should have modularity.

D. Use services and routing effectively.

Evaluation Parameters:

The following parameters are to be met effectively in the developed solutions.

- Execution

- Completeness

- Logic Building

- Code Quality

- Best Practices (efficiency)

Submission Requirements:

A.   Submit a single archive containing all the artefacts

B.   The artefacts are/is the Project Source Code

Project Presentation Requirements:

A.   The solutions should be presented with execution.

B.   Explain the details of API used, processes involved, workflows and frameworks (if any) utilized.