Raremark Technical Assignment

The aim of this assessment is to allow you to demonstrate your skills in developing user interfaces for the web. We want to see both how you approach web UI construction and also the strength of the implementation you arrive at.

You'll need to set up a local environment and use your local machine for this test. Skills that we are particularly keen for you to exhibit are:

- An approach to writing code that follows **industry best practice and displays an understanding** of web standards.
- A knowledge and use of tools and frameworks that aids UI / Front-end development.
- Demonstrating best practice in ReactJs

Instructions:

- **Once you receive the instructions, please read it carefully and make your estimation for the task. Break down the total project into small tasks and write them in a text file and put your estimation against each task.**

- **Once you have got your task written down, upload the text file in your git repo along with your initial project structure.**

- **Each task you complete, upload it to your Git repo. NOTE: Please use a proper commit message and don't upload all tasks in one single commit.**

- **NOTE: Before submission please make you have uploaded all your files. There will be no option for re submission once you submit.**

Deliverables:

You have been provided a design document attached with this task and you are assigned to Create a ReactJs app that will allow the user to publish, view and search

properties that are available for bookings based on user search criteria. It can be the same as any travel company such as Airbnb or booking.com. Use case of the application will be as below:

- Users should be able to upload property details such as Title, pictures (multiple), description, location (Country, city), available dates, property types(single/double) etc. You are welcome to add more.

- Users should be able to see the property lists and go to property details by clicking on the property.

- Users should be able to search the property based on the available fields such as location (Country /City) and dates individually or all together.

- The search result should be listed on the page and the user should be able to click through to the details page of the property.

- The property detail page will have pictures of the property, description, location and dates. Optional: You can add more details if you choose to do so such as comments, ratings according, book the property with dates to the design provided.

- On the property listing page, it will be an additional feature if you can add pagination.

- On the landing page, users should be able to see some comments left by the other users who stayed in these properties and their ratings. Please follow the design provided.

Technical requirement:

- You need to create a two/three pages app using ReactJs. Please use the design attached.

- Please use bootstrap or similar libraries or your own css for implementing the design in CSS. Don't use react material UI.

- For search you may use front-end search, or you may use backend-based search.

- Create a simple form for CRUD operation for the user to upload new property for listing and others.

- Please use the mock API as a concept to write a NodeJs backend API based server-side application.

- Implement a relational database of your choice for this assignment.

- Integrate your API with the ReactJS front end that you developed

- It might be a good practice to use docker to containerised your app. (Optional)

GOOD LUCK