You must build a Single-Page-Application by using React Router (V6). You are free to build as many components you

need, but here are the required components for this exam:

1. Community

2. Communities

3. Property

4. Properties

5. AddProperty

6.App

1. Community: This component will display two fields of the Community object (Name, County) and

it can contain an Id. It should be clickable to navigate to the Properties page (separate page)

using its id.

2. Communities: This component will render multiple Community components

3. Property: This component will display two fields of the Property object (Type and Price) and it

can contain an Id.

4. Properties: This component will render multiple Property components of the clicked Community.

It should display the Community name on the top with all its properties. It should contain the

following buttons:

i. Add Property -> this will navigate to AddProperty component (separate page)

ii. Back -> this will navigate back to the displayed Communities page

5. AddProperty: This component will be in a separate page and takes the input from the user and

updates the data on the server, then it should navigate back to the Properties page component

when submitted. Refer to the POST request example below to understand how to form the JSON.

6. App: This component contains the PageRoutes component.

The default route (‘/’) should render the Communites component

Recap: Every Community contains a list of properties. Clicking on a community will open its properties in another page, where the title of the community is displayed. In the properties page, you can add a property by clicking the Add Property button. It will navigate to the Add Property form. The user should only enter the Type and Price, The communityId should be determined by the selected community, and the id will be auto-generated. After the adding a property, it should return to the previous properties page, showing the added property to a specific community

GET request to <https://65bd8dd8b51f9b29e9338ba8.mockapi.io/api/v1/communities>

Result: [{"name":"City Lake","county":"Jefferson","id":"1"},{"name":"Urbon","county":"Orange","id":"2"},{"name":"Story Lake","county":"Osceola","id":"3"},{"name":"Summer Lake","county":"Orange","id":"4"}]

GET request to https://65bd8dd8b51f9b29e9338ba8.mockapi.io/api/v1/communities/1 returns all information for one specific Community.

{"name":"City Lake","county":"Jefferson","id":"1"}

GET request to https://65bd8dd8b51f9b29e9338ba8.mockapi.io/api/v1/communities/1/properties returns all Properties for a specific Community.

[{"type":"Single House","price":550000,"id":"1","communityId":"1"},{"type":"Condo","price":400000,"id":"6","communityId":"1"},{"type":"Single House","price":"700000","id":"12","communityId":"1"}]

POST request to https://65bd8dd8b51f9b29e9338ba8.mockapi.io/api/v1/communities/1/properties

adds a Property object to a specific community. You must fetch the communityId based on the selected

Id. The example below will be added to the community with id=1.

Request Body ->

{

"type":"Single House",

"price":450000,

"communityId":1

}