**URL to GitHub Repository:** [**https://github.com/RKMellinger/Promineo/tree/main/Week-15-REST\_Fetch\_Functional\_Components\_and\_Best\_Practices/week-15-project**](https://github.com/RKMellinger/Promineo/tree/main/Week-15-REST_Fetch_Functional_Components_and_Best_Practices/week-15-project)

**URL to Your Coding Assignment Video:**[**https://youtu.be/7qsb4yQboHc**](https://youtu.be/7qsb4yQboHc)

**Instructions:**

* In Visual Studio Code, write the code that accomplishes the objectives listed below and ensures that the code compiles and runs as directed.
* Create a new repository on GitHub for this week’s assignments and push this document, with your project code, to the repository.
* Include the URLs for this week’s repository and video where instructed.  
  Submit this document as a .PDF file in the LMS.

**Coding Steps:**

* Using the Houses API, or any open API of your choice you can find online, create a single page that allows for all 4 **CRUD** operations to be performed on a resource from the API.
* Create a React component (or more, if needed) to represent the resource.
* Make all forms and other necessary UI pieces their own components as reasonable.

**Video Steps:**

* Create a video, up to five minutes max, showing and explaining how your project works with an emphasis on the portions you contributed.
* This video should be done using screen share and voice over.
* This can easily be done using Zoom, although you don't have to use Zoom, it's just what we recommend.
  + You can create a new meeting, start screen sharing, and start recording.
  + This will create a video recording on your computer.
* This should then be uploaded to a publicly accessible site, such as YouTube.
  + Ensure the link you share is **PUBLIC** or **UNLISTED**!
  + If it is not accessible by your grader, your project will be graded based on what they can access.