

Assignment Two Outline**DESIGNING WITH APIS****COURSE WEIGHTING:** 20%**DUE DATE:** October 19, 2023**SUBMIT:** URL for GitHub Repository and GitHub Page

Work with resources made available through a public REST API of your choice to create a single page microsite that displays the resources in a new context. With enormous amounts of information available to you, a central part of this assignment is choosing what to show and how to show it. The API response should be displayed in an unexpected way, creating new meaning in association with the original data. The design of the site should support your concept.

Your site should make use of at least 3 resources from the REST API (each key in JSON response is considered a resource).

When selecting an API, look for:

- JSON response
- REST API
- No authorization or an authorization key (avoid OAuth)
- Has CORS enabled.

Through this assignment, you will demonstrate your knowledge of:

- Working with REST APIs
- JavaScript programming with AJAX and JSON
- Integrating data into the DOM

Technical Parameters**Must Include:**

3 resources from an API
XMLHttpRequest
Use of git throughout
readme.md
Citations (where necessary)

Can Include:

More than 1 API

Cannot Include:

Placeholder content
Un-cited content

Deliverables**GitHub Repo URL**

Create a public repository on GitHub. Include a readme that briefly describes your site and includes links to any sources and the documentation for the API(s) you worked with.

GitHub Page URL

Publish your site to GitHub pages. If you are using an API key, it should be added as a secret in the repository settings on GitHub.