

Assignment 9

Due Date: May 16, 2023 at 7:00 PM

Overview

This assignment will be worth **6%** of your total grade. The goal of this project is to test more advanced React.js concepts. You must delete the node modules directory from the project before submitting. If you do not, you will lose **10%** from your assignment grade.

Specifications

For this assignment, you will need to understand components, props, JSX, state, and HTTP requests.

Barstool Archive

Erika Nardini from Barstool Sports wants to make a throwback site from late 2020/early 2021. Your goal is to display a few of the articles in a list for some of the readers of the website to reference. You will find the data here: <https://www.jalirani.com/files/barstool.json>

Requirements Your job is grab this remote article data via a HTTP request and display these articles in a list. Each article needs to have:

- An article title (this should be clickable and take the user to the article on the actual Barstool Sport's website)
- The article thumbnail/image
- The author
- The author's avatar/image
- The number of comments for the article

Use the small thumbnail image (this must render nicely). A few of the articles have a .gif for a thumbnail

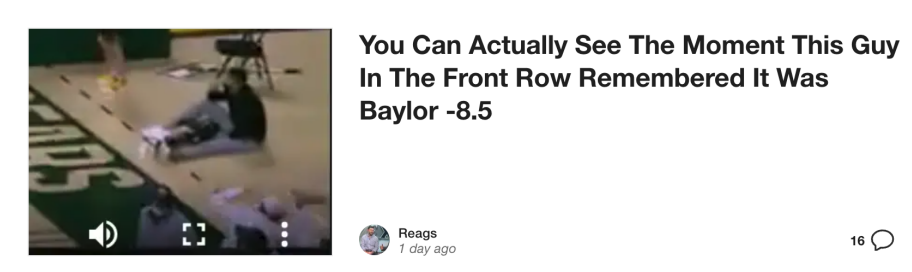


Figure 1: Example Article

Notes

- Your website does not need to mimic my screenshot, it just needs to have the data mentioned above.
- All five items needed for each article is contained inside of the JSON objects.
- *Wink Wink* For article thumbnail it is `image.location + image.thumbnail.small` (the url is broken up into two parts)
- Test the data in your browser to ensure it works. i.e. copy and paste `image.location + image.thumbnail.small` and put it in the address bar in your browser to ensure you can see an image.
- If the article thumbnail/image has a `.gif` instead of a `.png/.jpg` you can look at this article for guidance <https://stackoverflow.com/questions/44371716/add-animated-gifs-to-react-web-apps> or I will allow you to substitute it for an image of your choice since we don't cover how to display `.gif`'s (even though it's easy, just try it).
- Here is a simple example of a HTTP request in React:
<https://jasonwatmore.com/post/2020/07/17/react-axios-http-get-request-examples>
- Don't worry about adding CSS, fonts, etc. Just focus on displaying the five items for each article listed above.

Submission

Please submit the following on Blackboard:

- `barstool.zip`