**CS 120 Web Programming  
Assignment API: Deliverables**

* uses\_api.html uploaded to canvas



* URL for uses\_api.html online (choose github or siteground – not both)



URL: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Postman screenshot – paste below



A screenshot of a computer

Description automatically generated

Describe the API you selected and what it does

I selected the **Dog CEO's Dog API**, which provides images of different dog breeds. It allows users to fetch random dog images or specific images by breed. The API is widely used for educational purposes, entertainment, and applications related to pets. Each request returns a JSON object with the URL to an image, making it easy to integrate with various web applications to display dog images.

Cite the website that offers the API

The Dog CEO's Dog API is offered at <https://dog.ceo/dog-api/>.

Describe the options/parameters you used for the API request – i.e., what query info did you need to provide to the API to get your results?

For this assignment, I used the **GET request** to the endpoint https://dog.ceo/api/breeds/image/random. This endpoint does not require any additional parameters and simply returns a random dog image. However, the API also provides other endpoints, allowing users to retrieve images by specific breeds or sub-breeds by adding parameters like breed or sub-breed in the URL path.

Identify two applications where this API would be helpful.

1. **Pet Adoption Websites**: The API could be used on pet adoption websites to display images of different dog breeds, giving visitors a better visual understanding of the breeds available for adoption.
2. **Educational Apps for Kids**: An educational app could use this API to show children pictures of various dog breeds, helping them learn about different breeds in a fun and engaging way.