

Front end development

HTTP - Ninja Ex1

The following exercise contains the following subjects:

- Pagination

Question

Create a page with a list of locations loaded from this api endpoint:

<https://pagination-exc-dot-itc-bootcamp-19.appspot.com/location>

Notice the response body, it includes “data” (the array of locations), “total” (the total locations number available in the server) and “next” (the next page of locations to load from the server)

The server is built in a way that it doesn’t send all of the locations it has on one request (to avoid large data transfers over the web).

The server is sending only 10 locations (inside the “data” field) at a time. The “next” attribute indicate how to get the next 10 locations (notice it is the same api path, just with a query string of “from=some_number”).

This is called “pagination” - you load only a page of data at a time (like in google search)

Implement the same pagination behaviour, as in google search, to show each time only a specific page, with a next button to load the next page of locations.

You can learn more about it by simply googling “react pagination”.

Next step: instead of having a button to load the next page of locations, make the list load it when reaching the end of the list, AKA infinite scrolling (like in instagram/facebook/twitter). Infinite scrolling works just like pagination, just with autoloading the next page when the scroll reach the end.

You can learn more about it by simply googling “react infinite scroll”. Recommended using an external lib for that functionality.