

UNIVERSITY OF MONTREAL

PROJECT 2

By

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URL

(file:///home/www-ens/oudanons/public_html/fINFIJF23/index.html)

- HTML
- CSS
- JavaScript
- JQuery
- Bootstrap
- AJaX
- JSON

index.html

The page is dynamic and contains a table of 100 facts. It also lets us navigate through the page to access the consult page and the games. A live server is needed to allow JSON files to bypass CORS policy. It requires a yarn start to be able to make requests as well.

home.js

The program extracts 100 facts with 20 different relations and 40 different concepts using a direct request to ConceptNet with Ajax. To ensure 20 different relations are collected, we extract the first 20 relations in the list returned and add the 'edges' containing the chosen relations to the dictionary that will be used to display the information in the starting table. We pick the remaining 'edges' needed to complete the table at random and display them in the home page.

consult.js

It allows the user to make direct requests to ConceptNet with AJaX. Every request is limited to 1000. It's filtered to display only English words. The previous and next boutons make requests by playing with offsets behind the scenes. Spaces and upper letter cases can cause an effect on the URL. Therefore, all concepts must not contain spaces or a capital letter.

game1.js game2.js game3.js

True or False, Instruction, and “Who am I” are the names we have chosen for our games. They all rely on our table of facts, but Instruction and “Who am I” also make use of requests to ConceptNet to increase the game’s playability. Our biggest struggle was mentioned in consult.js where we would have to consider spaces and upper letter cases when making those requests.

//NOT USED IN OUR PROGRAM

Smt.py scrap.json

We used these files in the beginning to test our database because we had misunderstood the assignment and didn’t make our database dynamic. We have changed our code and no longer need them but since we worked with those a lot we thought it would be pertinent to leave them in our tar.gz file.

Roles

Charles-Antoine Tremblay : smt.py, index.html, game2.js, game3.js

Southidej Oudanonh : rapport, home.js, index.html, consult.js, game1.js