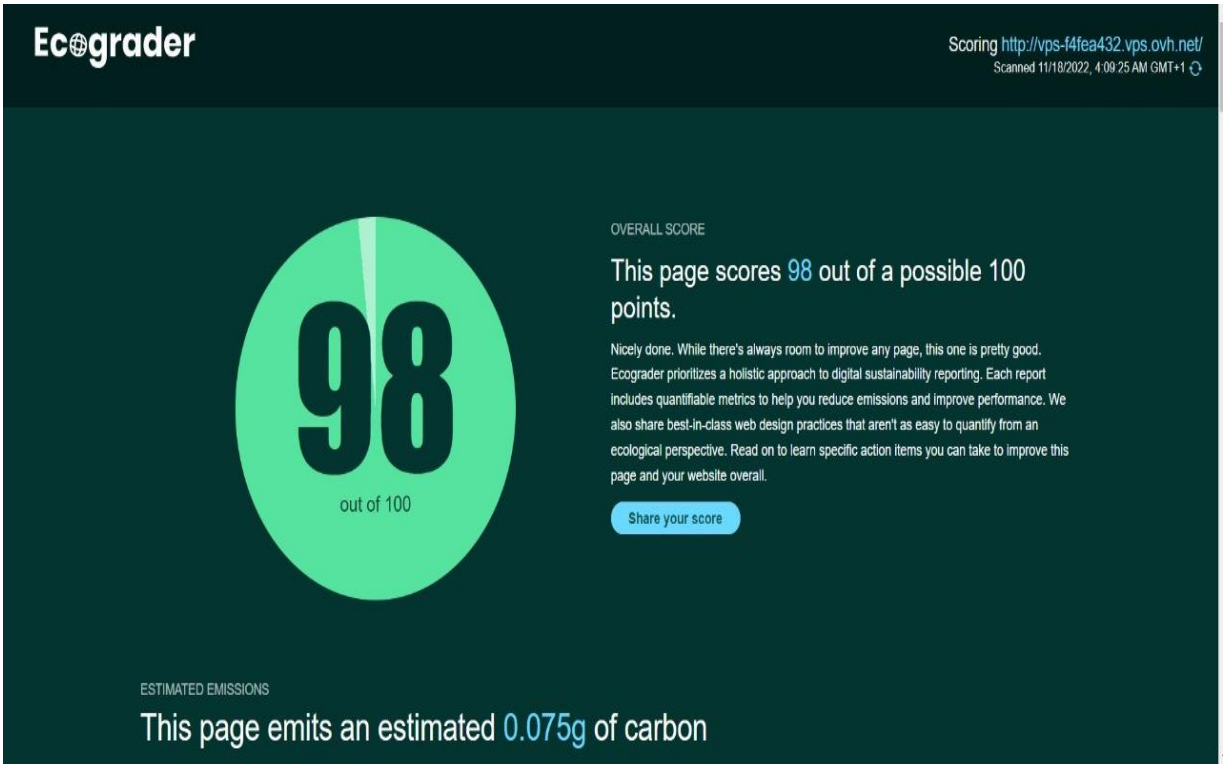
SYNTHESE DU PROJET CHALLENGE DESIGN4GREEN 2022

Numéro d'équipe / Team Number : 28

ECOGRADER

SCORE : 98 / 100

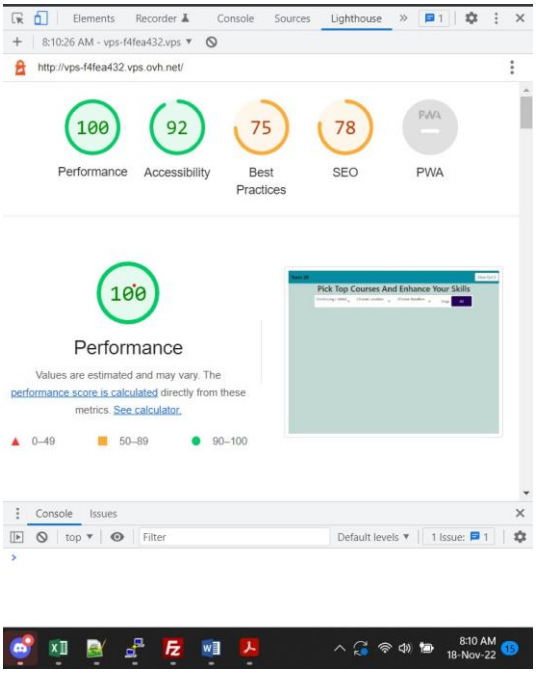
SCREENSHOT (with Day and time)



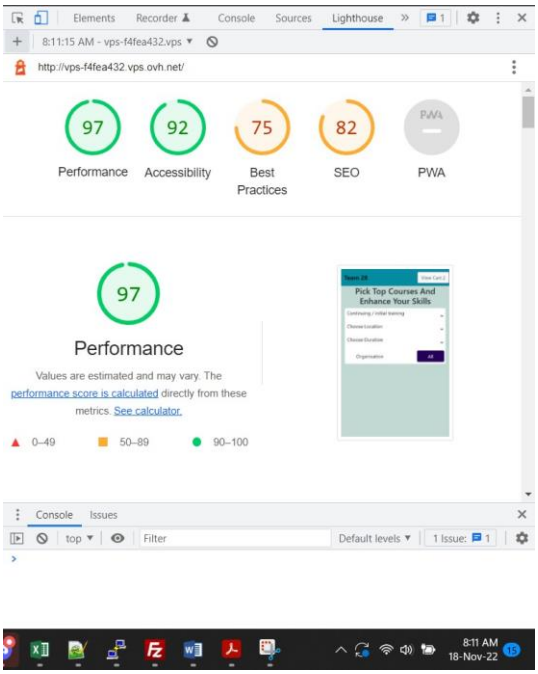
LIGHTHOUSE

Scores Mobile	**Scores Desktop**
Performances : 97 Accessibilité : 92 Bonnes pratiques : 75 PWA : no	Performances : 100 Accessibilité : 92 Bonnes pratiques : 75 PWA : no

SCREENSHOT (with Day and time) (Desktop)

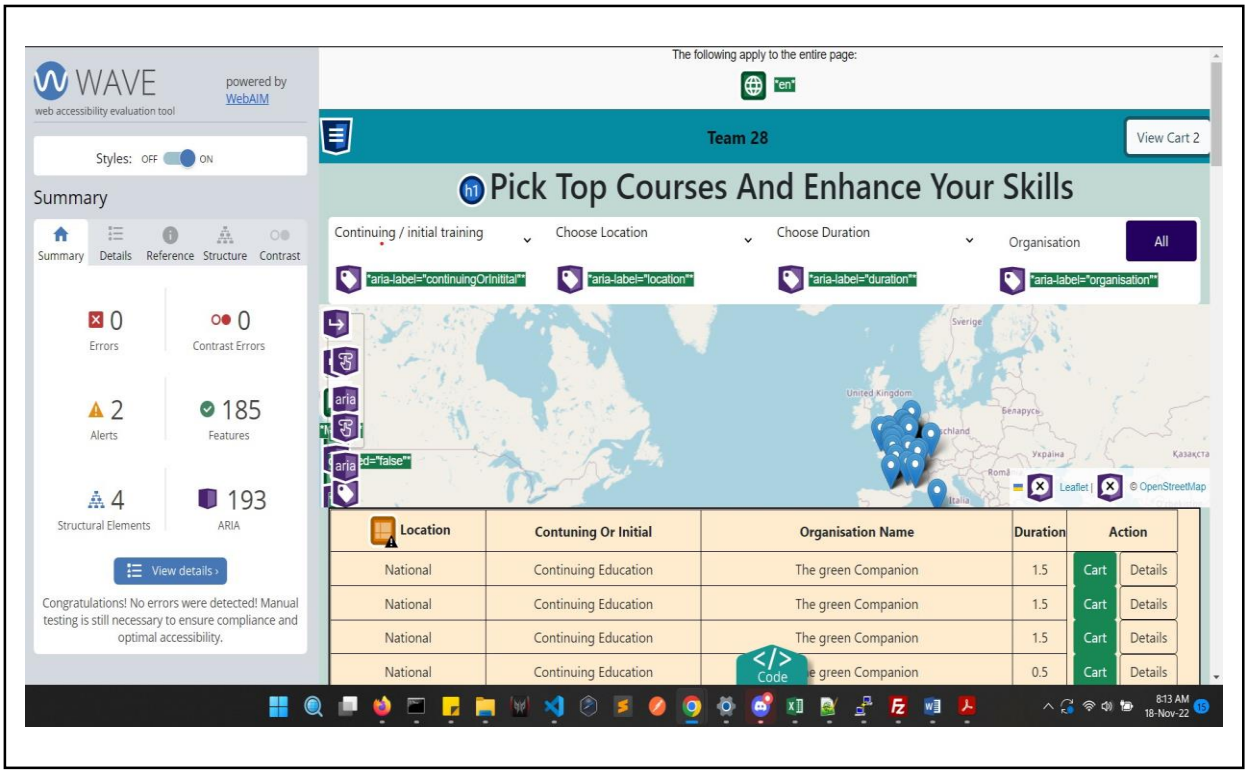


SCREENSHOT (with Day and time) (Mobile)



WAVE

Errors / alerts / contrast
SCREENSHOT (with Day and time)



Conception générale – General conception

Avez-vous réussi à finaliser votre projet ? Did you manage to finish your project ? Oui Yes / Non No
Si non, pourquoi et quels éléments sont manquants ? If not, why and what is missing ?

Yes.

Conception technique – Technical conception

Quel langage avez-vous choisi et pourquoi ? Which language did you use and why ?

We used HTML & Javascript, which are the basic languages used for web programming. We decided not to use any heavy framework in order to reduce the space and unnecessary consumptions of

resources. Implenting simpler languages can be challenging, however, it ensures a lightweight & sustainable solution.

Comment avez-vous optimisé vos requêtes ? How did you optimize the query ?

In order to optimize the run time, we avoided using database. Instead, we defined an array of object from the data given to us, load the data into that array one time and manipulated the data from the front-end. This concept ensured that we do not need to use multiple queries to retrive data .As there were no specific requirements to use the database so we didn't use any database.

Conception fonctionnelle – Functional conception

Avez-vous choisi d'utiliser un outil de représentation graphique ? Did you us a graphical representation ? Oui Yes / Non No
Si oui pourquoi ? If yes, why ?

Yes. One of the requirements of the task was to visualize the data into a cartography form. Thus we had to use a graphical reresentation. To visualize the cartography form, we used ‘’’Openstreet map’.

Si non pourquoi ? if not Why ?

Design

Expliquez en quelques mots les choix réalisés au niveau du design du site ? Explain your design choices ?

In order to ensure that out website is green, we tried to keep it as minimalistic as possible which lead us to use basic web languages, & to avoid unneccesary images and icons.

Accessibilité

Qu'avez-vous mis en place pour le respect de l'accessibilité du site ? How did you manage the accessibility of your site ?

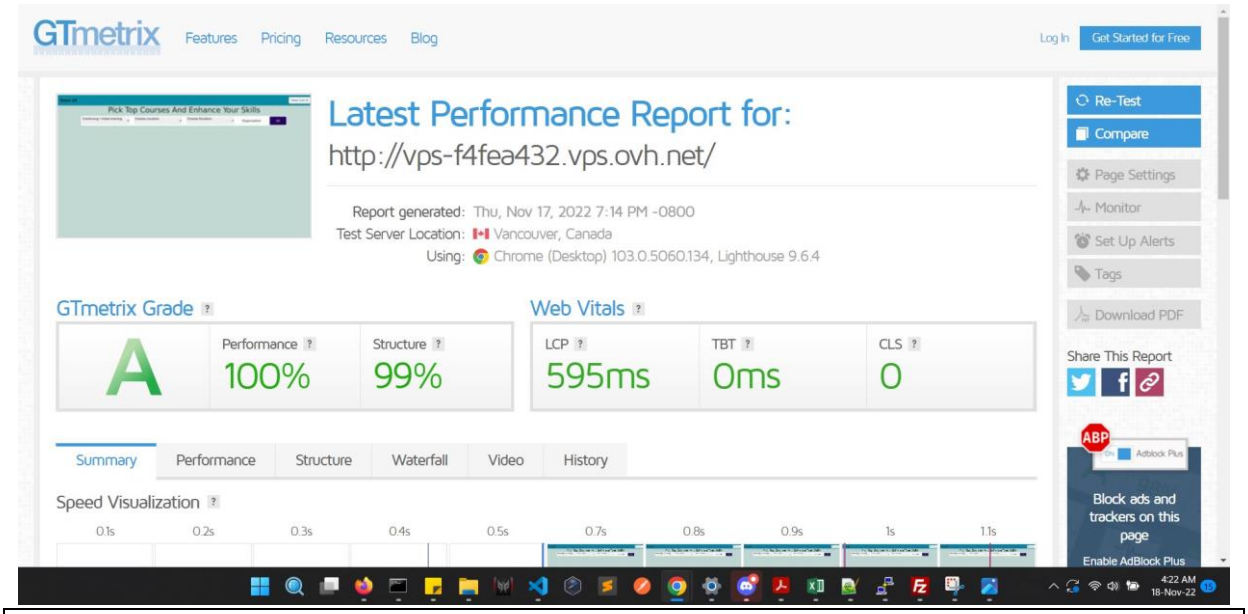
Our site is quite straight forward. We avoided database and using just variables to manupulate the data which is reducing the time consumpion making it more accessible. We also used dropdown in our search filter to make it more user-friendy. We used ARIA labels where necessary.

QUESTIONS GÉNÉRALES – GENERAL QUESTIONS

Qu'est ce qui fait que votre site est éco-conçu ? Why your solution is ecodesign?

Our solution is ecodesign because firstly, it is not using heavy tools thus consuming less energy, secondly is there is no database to store the data so saving the storage as well. In addition, we are doing the necessary calculations to show the cart in the front end so that we can optimize the run time as well as the resources. To store the cart we are using local storage.So we are optimizing the resource of the browser also. Since web-based transmission serves as the most often employed method of communication across many devices, data transmission traffic requires the huge power. As a result, as developers, we concentrated on lowering the website's energy usage. Through the use of efficient queries and simple data processing for various client sessions, we were able to achieve the overall sustainable reduction in energy demand.

Avez-vous d'autres remarques pertinentes sur votre projet ? others comments on your project ?


GTmetrix
Features
Pricing
Resources
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Latest Performance Report for:
http://vps-f4fea432.vps.ovh.net/
Report generated: Thu, Nov 17, 2022 7:14 PM -0800
Test Server Location: Vancouver, Canada
Using: Chrome (Desktop) 103.0.5060.134, Lighthouse 9.6.4
Re-Test
Compare
Page Settings
Monitor
Set Up Alerts
Tags
Download PDF
Share This Report
GTmetrix Grade
A
Performance
100%
Structure
99%
Web Vitals
LCP
595ms
TBT
0ms
CLS
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Summary
Performance
Structure
Waterfall
Video
History
Speed Visualization
0.1s
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0.3s
0.4s
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0.8s
0.9s
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Block ads and trackers on this page
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4:22 AM
18-Nov-22