

Interação Pessoa-Máquina**2023/2024**

The Modern Movie Database

Stage 5: Heuristic Evaluation

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Introduction

We received the functional prototype report from our colleagues on November 21st. We took our time to test the prototype and delivered the report involving the problems found on November 22nd.

Identified problems

These are the heuristic violations we uncovered:

Nº	Problem	Heuristic	Description	Severity	Solution	Screenshot
1	Language Inconsistency	Consistency & Standards	Most of the website was written in English, but some text is written in Portuguese	1/Cosmetic Rare, easy and rare to overcome	Translate the Portuguese terms to English.	Figure 1
2	Naming Inconsistency	Consistency & Standards	Comparison List and Comparator List are the same thing but share different names	1/Cosmetic Rare, easy and rare to overcome	Choose one term on every usage, such as "Comparison List"	Figure 2
3	Sort by Photo	Error Prevention	It is possible to sort the list of cars by photo, despite this not being a legal operation	1/Cosmetic Rare, easy and rare to overcome	Disable sorting by Image	Figure 3
4	Advanced search by Brands	Flexibility & Efficiency of Use	If the user doesn't want to filter by brand, it isn't efficient to select every brand one by one	3/Major Common, difficult and infrequent to overcome	When empty, it should show every brand	Figure 4
5	Unnecessary advanced search confirmation	Flexibility & Efficiency of Use	Not efficient to be constantly confirming an operation that is not important. Confirmation boxes should only be used in stateful operations.	2/Minor Common, easy and frequent to overcome	Remove said confirmation	Figure 5
6	Listing is not obvious	Aesthetic & Minimalist Design	There is only an icon to click, and it is not obvious what it does just by looking.	1/Cosmetic Frequent, easy and rare to overcome	Include a label to indicate what the icon means	Figure 6



Figure 1: Inconsistent language

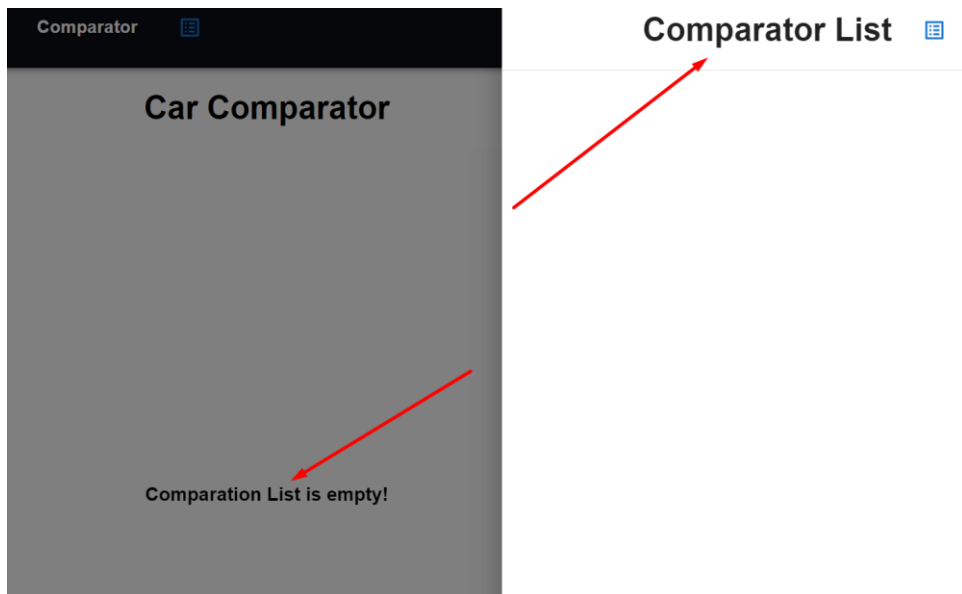


Figure 2: Inconsistent naming

Advanced search results:

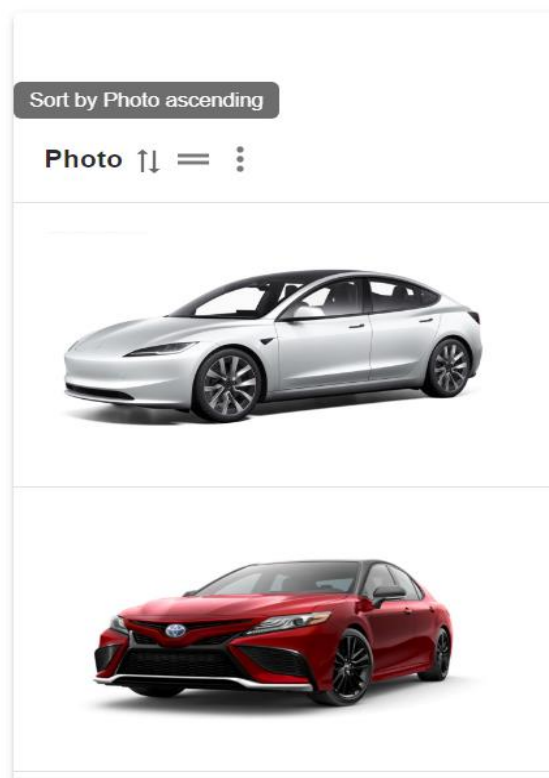



Figure 3: Sorting by photo

Os mais visitados


Advanced Search

min: 500 €  max: 20000 €

Engine type

☒ All ☐ Gasoline ☐ Diesel ☐ Electric ☐ Plug-in

☐ Hybrid ☐ LPG

Brands 

CANCEL SEARCH

Advanced search results:


Photo	model	price	motor	Power	Actions
No records to display					

Rows per page 5 0-0 of 0

Figure 4: Advanced search by Brands

Os mais visitados

Advanced Search

min: 500 €  max: 20000 €

Engine type

☒ All ☐ Gasoline ☐ Diesel ☐ Electric ☐ Plug-in

☐ Hybrid ☐ LPG

Brands

Tesla X Toyota X Favorites

Do you want to continue?

CANCEL CONTINUE

CANCEL SEARCH

Figure 5: Search confirmation

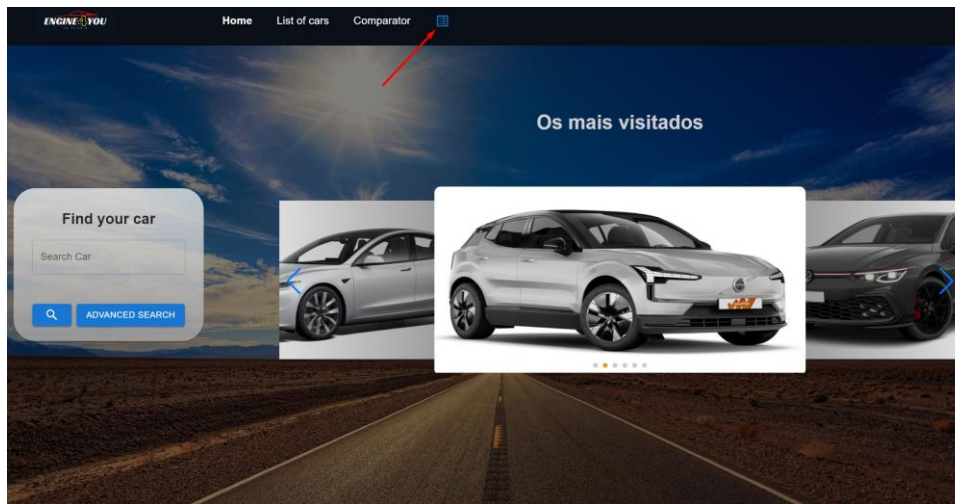


Figure 6: Listing icon

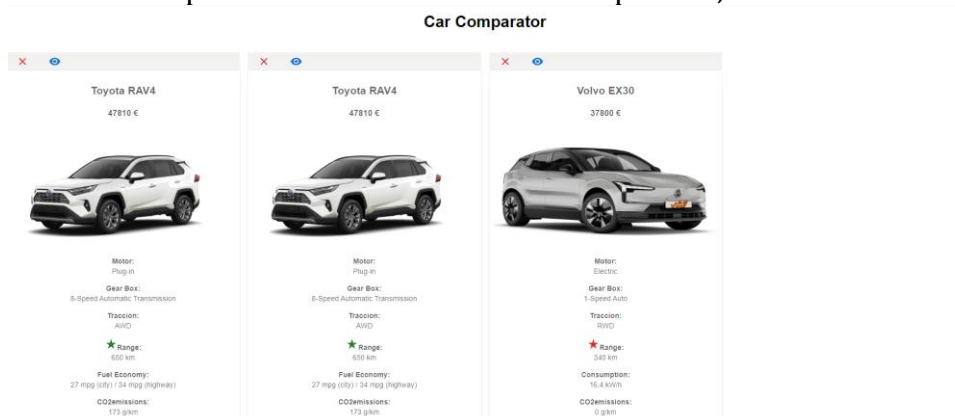
Functionality Errors

When using advanced search, you will get to the page “/list/advanced”. On this page, sorting the results by engine power does not work properly.

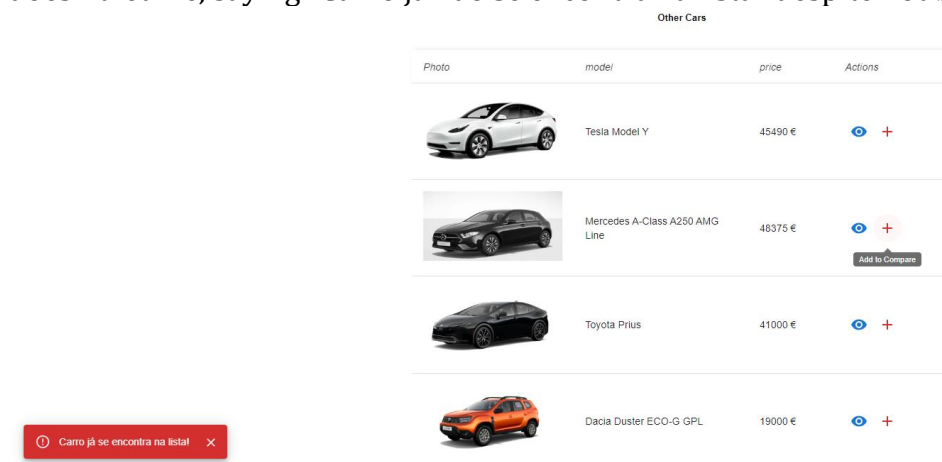
Also, when using advanced search, and adding filters, there is no way of filtering by the number of seats. This is particularly important for the last scenario (Rodrigo wants a car with 5 seats).

You also can't complete scenario 3, because there is no Suzuki on the website.

You can also put the same car in the Car comparator, which we believe is not supposed to happen.



And when I try to add a car that is not in the comparator and the comparator is in the state above it doesn't let me, saying “Carro já não se encontra na lista” despite not being there.



Summary

Overall, we found the application developed by our colleagues quite useful. There were no catastrophic issues found, however quite a few minor and cosmetic problems were. We hope they will be addressed, and that the website will become even better.