

Projecte UF2 - Optimització de continguts Multimèdia

ÍNDEx

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Comparación con PageSpeed Insights y Lighthouse:

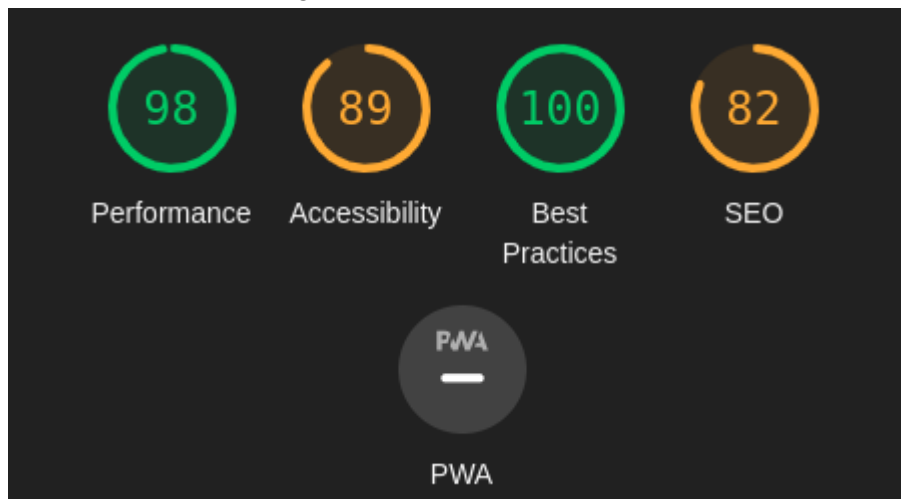
PageSpeed Insights doesn't work with the page I created, I get the following error:

Analizar



No se puede abrir `http://localhost:39427/seat128.html` . Comprueba que la URL sea válida.

And with the Lighthouse the following comes out that you can already see that the page is much better and quite good:

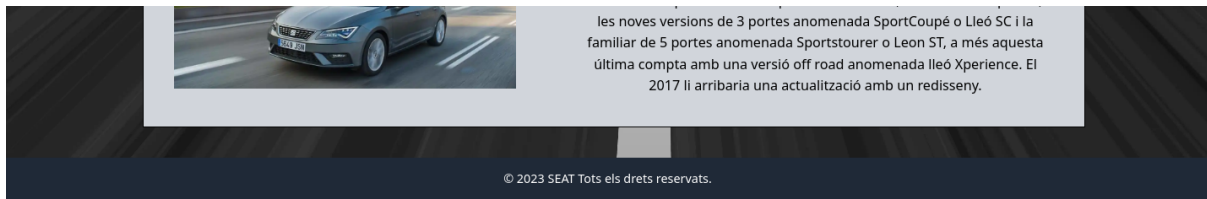


Header and Footer:

Here is the header:



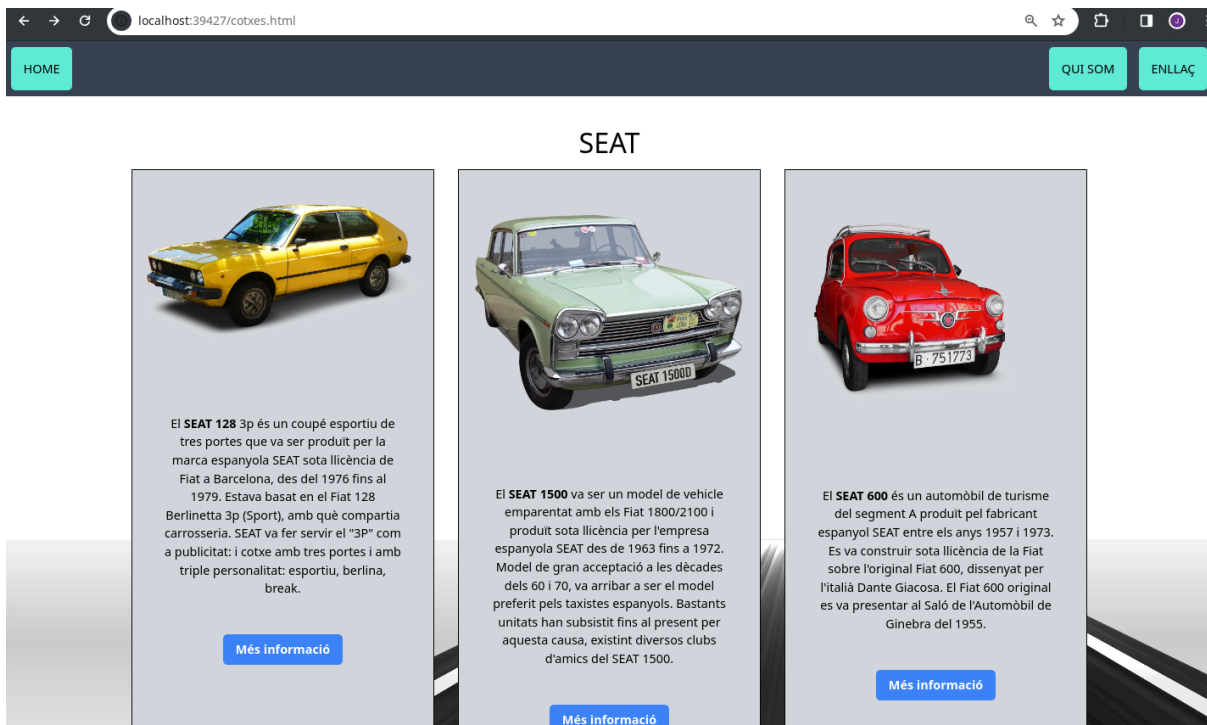
Here is the footer:



Responsive Design:

In theory and after making tests to make the web page tab larger or smaller, the photos and the whole web page itself respond correctly to the change in size:

Here we will have the page on a normal and acceptable desktop screen like the one at the institute:



And in the following image we have the browser made small:

SEAT



El **SEAT 128 3p** és un coupé esportiu de tres portes que va ser produït per la marca espanyola SEAT sota llicència de Fiat a Barcelona, des del 1976 fins al 1979. Estava basat en el Fiat 128 Berlinetta 3p (Sport), amb què compartia carrosseria. SEAT va fer servir el "3P" com a publicitat: i cotxe amb tres portes i amb triple personalitat: esportiu, berlina, break.

[Més informació](#)



El **SEAT 1500** va ser un model de vehicle emparentat amb els Fiat 1800/2100 i produït sota llicència per l'empresa espanyola SEAT des de 1963 fins a 1972. Model de gran acceptació a les dècades dels 60 i 70, va arribar a ser el model preferit pels taxistes espanyols. Bastants unitats han subsistit fins al present per aquesta causa, existint diversos clubs d'amics del SEAT 1500.

And in the next even smaller one:

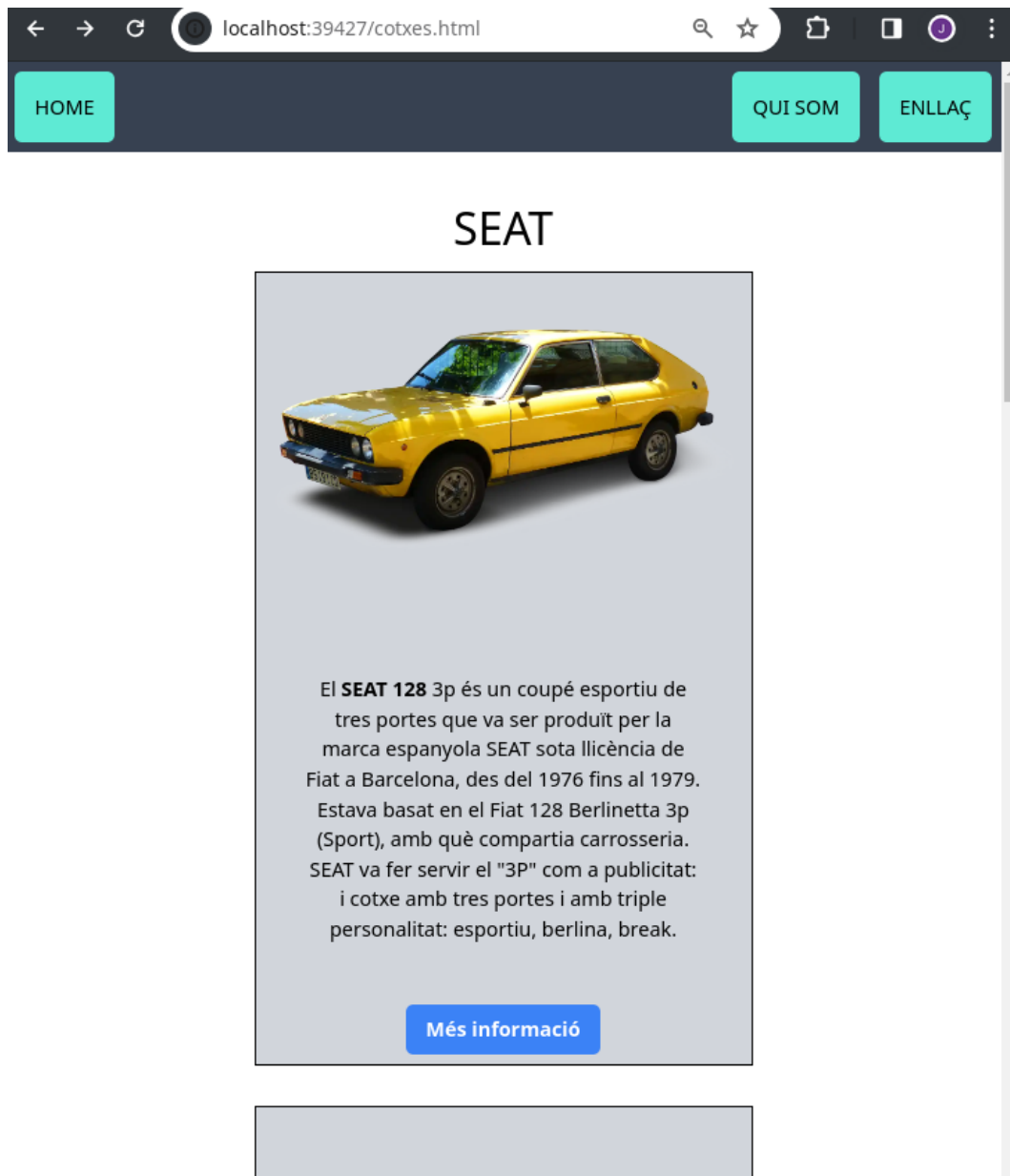
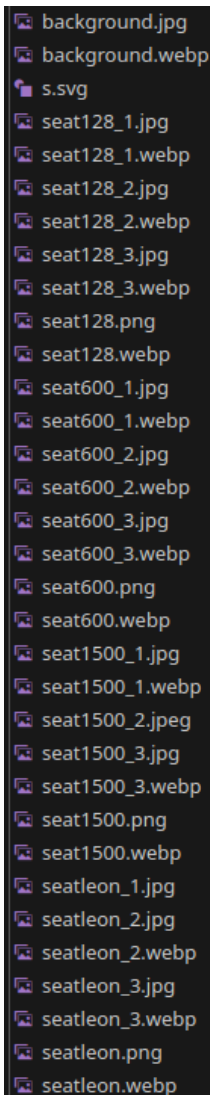


Image Optimization:

I've optimized all but two images because they didn't fit. I have transferred them to webp because it is the format that best suits the web page and because without losing much or practically nothing in quality the weight of the image decreases a lot.

And I am attaching an image so that you can see that I have transferred the images from jpg, png... to webp and I repeat that only the necessary ones:



- background.jpg
- background.webp
- s.svg
- seat128_1.jpg
- seat128_1.webp
- seat128_2.jpg
- seat128_2.webp
- seat128_3.jpg
- seat128_3.webp
- seat128.png
- seat128.webp
- seat600_1.jpg
- seat600_1.webp
- seat600_2.jpg
- seat600_2.webp
- seat600_3.jpg
- seat600_3.webp
- seat600.png
- seat600.webp
- seat1500_1.jpg
- seat1500_1.webp
- seat1500_2.jpeg
- seat1500_3.jpg
- seat1500_3.webp
- seat1500.png
- seat1500.webp
- seatleon_1.jpg
- seatleon_2.jpg
- seatleon_2.webp
- seatleon_3.jpg
- seatleon_3.webp
- seatleon.png
- seatleon.webp

I have done some research on optimization using Imagemin or Sharp and here is my opinion:

- **Imagemin:**

With imagemin you have more compatibility, the configuration seems simpler... but it is not as flexible as sharp and also depends on the image format, additional plugins and dependencies may be required. Then we have that imagemin is a solid choice for simpler projects and those that need quick and easy setup.

- **Sharp:**

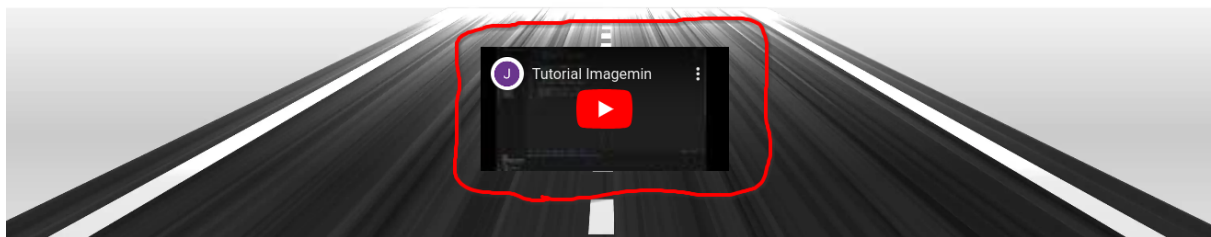
The good thing about sharp is that it has high performance, a wide range of functionality and integrated image optimization, but the bad thing is that it doesn't have such a variety of formats. In other words, we have sharp that offers exceptional performance and is ideal for projects that require advanced image manipulation and built-in optimization.

To make the tutorial I decided to do it with imagemin because I found it simpler and more understandable. Here is the code I used to put the video on the web page and below you can see where I put it which would be on the who we are page which I think is the most appropriate place.

```
<iframe class="w-full h-auto max-w-[1000px] m-10" src="https://www.youtube.com/embed/_jbPsjSm0mY" frameborder="0" allowfullscreen></iframe>
```

Qui som?

Som una empresa dedicada a la explicació dels nostres models amb la seva història i amb tot el que es podria explicar, és probable que faltin coses i si saps algo el qual no estigui apuntat no dubtis en contactar amb nosaltres per poder-ho aplicar a la pàgina.



CSS Clip-Path & Animations:

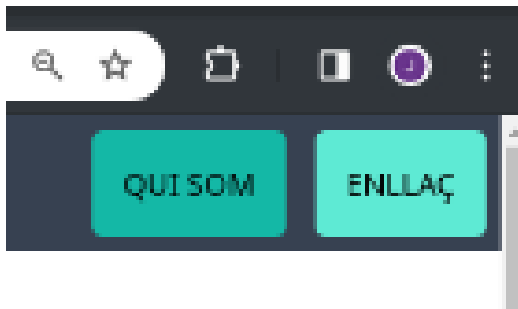
As you can see in the following two images, I have added that the logo of the main page rotates, it doesn't quite look right since a photo can't capture it, but that's why I put the code. I also think that making the home page logo the one that moves already creates a bit of curiosity and is good for the eyes.

```
@keyframes rotate {  
  0% {  
    transform: rotate(0deg);  
  }  
  100% {  
    transform: rotate(360deg);  
  }  
}  
  
.custom-animation {  
  animation: rotate 2s infinite;  
}
```



I have also added animations to the navbar buttons which when you hover over them turn a darker color:


```
transition duration-300" hover:bg-teal-500">HOME</a>
```



And to make another one so that it looks better, I added that the page where you see all the cars in this case if you hover over a car or description of the car expands:

```
hover:transform hover:scale-105 transition-transform duration-300">
```

