



Noroff

School of technology
and digital media

Technical Report

Semester Project 2

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1. Summary

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2. Body

2.1. Introduction

The assignment requires the student to build an e-commerce site with customer facing and admin sections. My main goal was to incorporate everything I learned up till this point of Html, CSS, JavaScript to create the best possible site.

2.2. Main section of report

Planning phase

I tend to overcomplicate the planning phase, something I tried to avoid this time around.

I decided not to use bootstrap and build the site from scratch part because I was not completely comfortable and I wanted to use all the feedback from previous projects.

Progression plan

I mostly worked on the assignment 5 days of the week, Monday to Friday. And adjusted the work schedule according to how far along I was on the timetable.

Sketch

When researching similar sites, I made a rough sketch and took parts of inspiration and implemented that on the site. I also looked in to who the target audience would be.

Theme

I choose an old school second hand vinyl e commerce site for the single fact that I couldn't find any free legal images of new vinyl so I worked with what I got.



TYPEFACE/FONT

I decided to use Montserrat and Catamaran as my typeface. The reason being is because I wanted something unique but simple.

Montserrat is modern and one of the most popular fonts. It has unique style and is good to use in most projects

Catamaran is a simple font and can also be used in several contexts.

Color Scheme

I used the split complimentary color scheme. I used white, black and blue.

I chose white because I wanted the site to be clean and simple with not too many distractions.

I chose black because it's a strong, elegant and popular color.

I chose blue because it's a calm, relaxing and trustworthy color.

These three color give the site the right vibe.

STYLE

I kept the theme simple and minimalistic with mostly a black and white theme. I wanted the user to flow naturally through the site without there being too many changes in the aesthetics.

Search Engine Optimization (SEO)

I wanted my site to have the best possible visibility from search engine so I could attract viewers and customers.

Meta description

I made a unique meta description for the site with the recommended number of characters.

WCAG



I made sure to keep in mind the Web Content Accessibility Guidelines (WCAG) when making this site.

The text is readable and the color contrast is properly approved.

I also checked the site for issues with people with color blindness.

Structure Semantics

I wanted the semantics to be structured and organized not only for me but if somebody else was to look at, it would be easy to comprehend.

Every page includes a <main> that has all the main content. Inside the <main> there's classes.

Every page serves a purpose and every functionality serves the end goal.

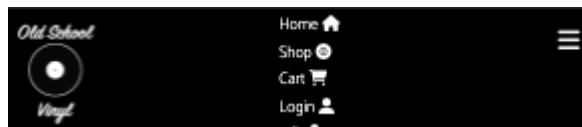
LOGO



I created a simple logo. I didn't use too much time on it. I used a vintage font and designed a vinyl record in illustrator. And when the user clicks it, it takes them to the homepage. The logo gives a good indication of what the site is about.

NAV

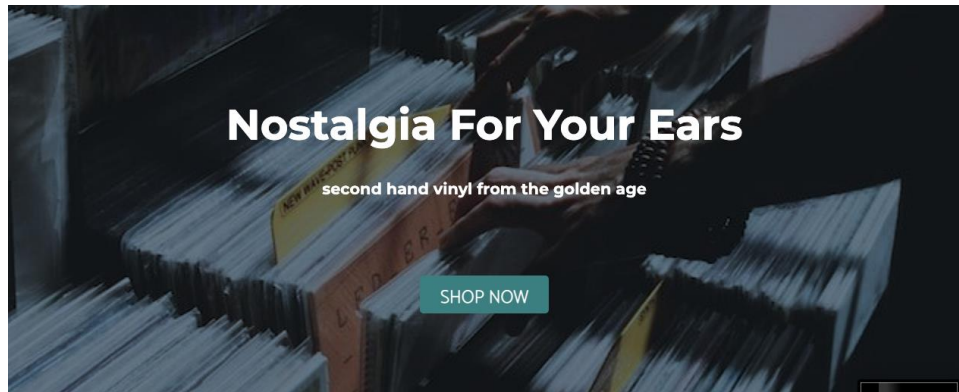




I used simple js code to create the nav.

The nav is responsive with a clear indication of what page the user is on.

HOME PAGE



I did not want to confuse the viewer with too much information when first seeing the homepage. So, I kept it simple and with minimal clutter.

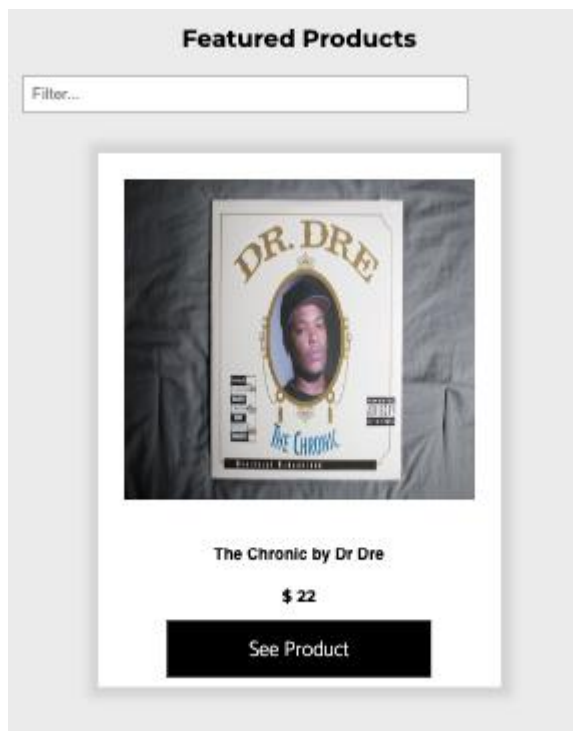
The first thing the user will notice is the text which explains what the site is about.

i picked an image of somebody physically picking out a vinyl record to emulate the real experience. When i chose the call-to-action button color I did initially want to keep it of one the sites main colors(black or white) because I find it tacky not to. But I've been repeatedly encouraged to use a color that grabs the eyes and attention of the user to urge a click.

I used dot notion to get the hero banner from strapi.

Product Page



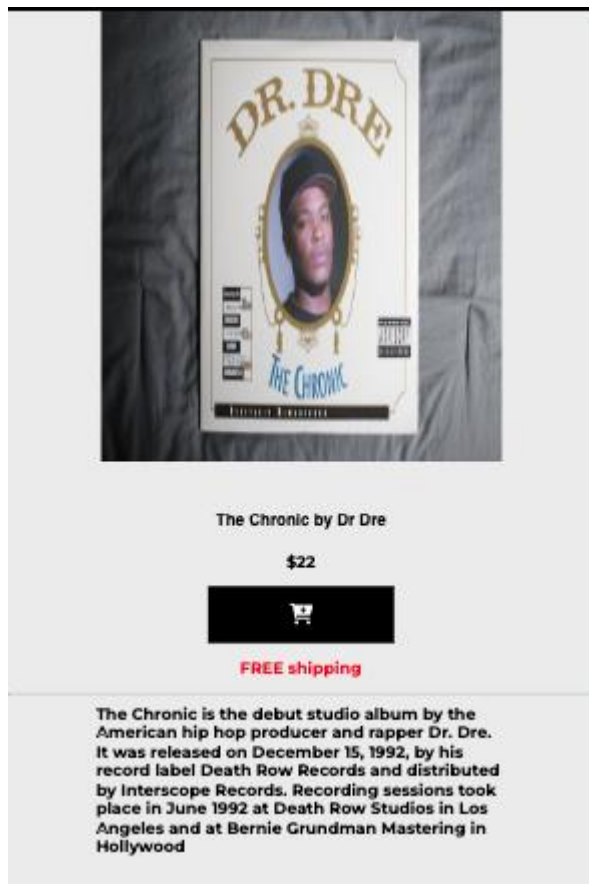


I used a box shadow so that the products would stand out from the page almost like a 3D effect. The title, price and image are displayed. I used a for loop to fetch the products from the api, I could have used a for each but this worked fine.

I used the "included" method to make sure the search results come back with the intended product.

Detail Page

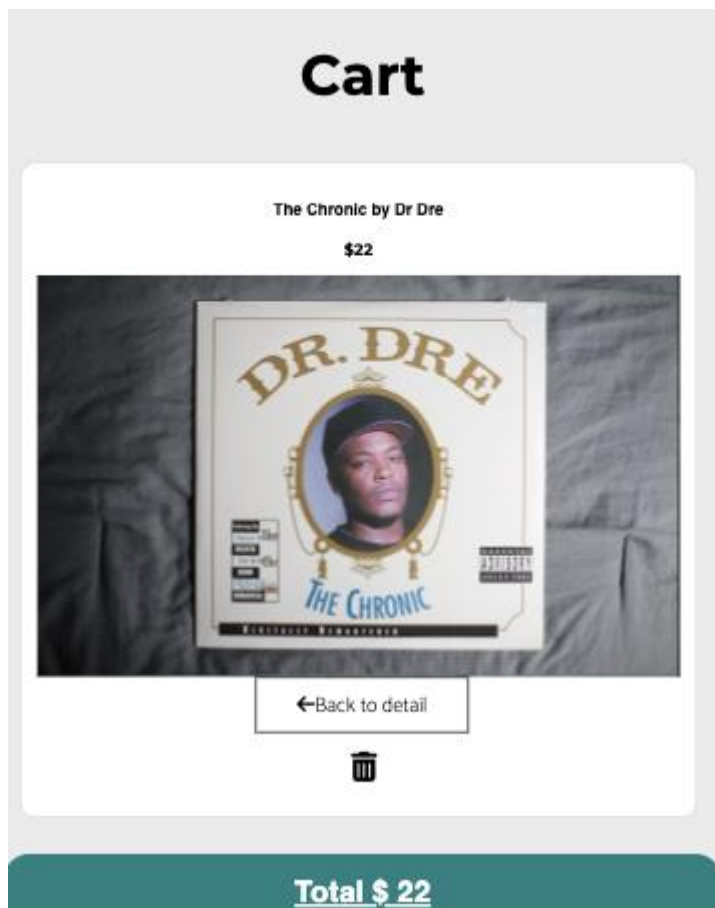




I added a red color to the “free shipping” because I wanted the user to notice it and to take action. I choose an icon that is self explanatory for the user. The icon toggles the product in and out of the cart.

Cart





The assignment required a link that take the user back to the detail page so I made a button link.

I tried making an icon that removes items from cart.

The total price is at bottom of the page.

Struggles

I thought I share my struggles about this project. Except for the heavy JavaScript coding that i was not entirely comfortable with, the whole process of creating this project has made my JavaScript skills better. I made a lot of mistakes and there were times of feeling overwhelmed and stressed but I've grown from it and learned to better to manage it.



2.3. Conclusion

This project required me to go back to previous modules and go through to the content again. But its true what they say “constant repition is the path to progression”.



3. References

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4. Acknowledgements

Inspiration: <https://vinylpursuit.com/>

Images: <https://pixabay.com/>



5. Appendices

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