



Noroff

School of technology
and digital media

Semester Project 2

Trond Erik Larsen

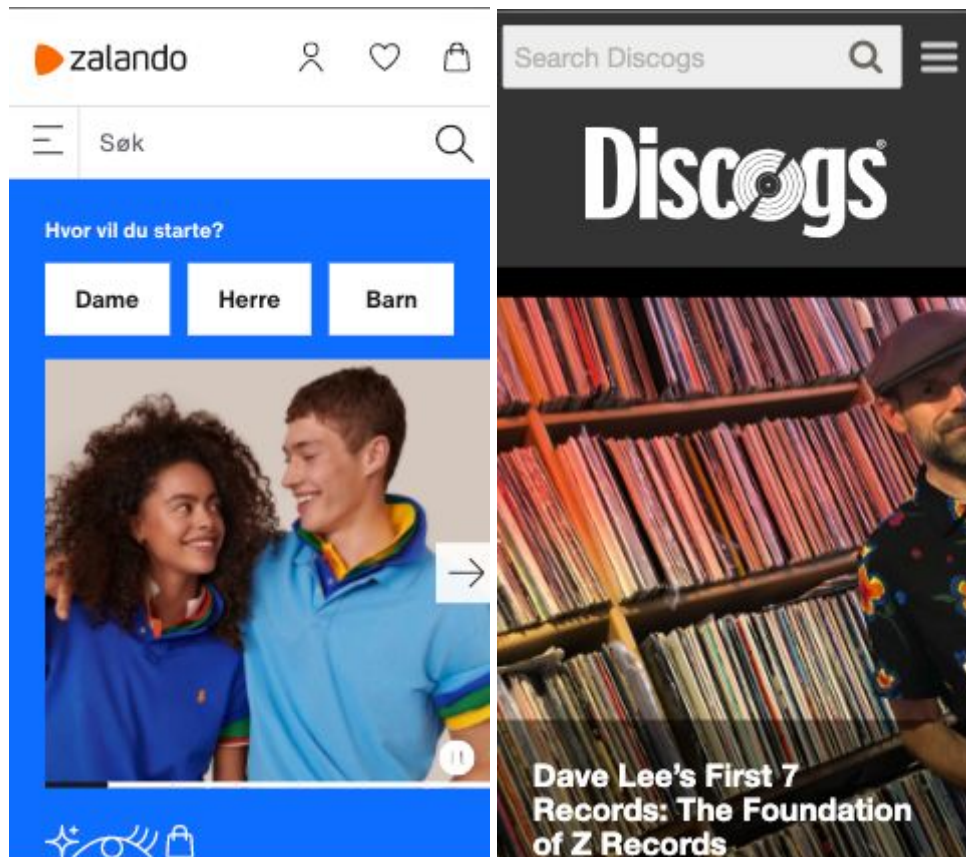


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Design

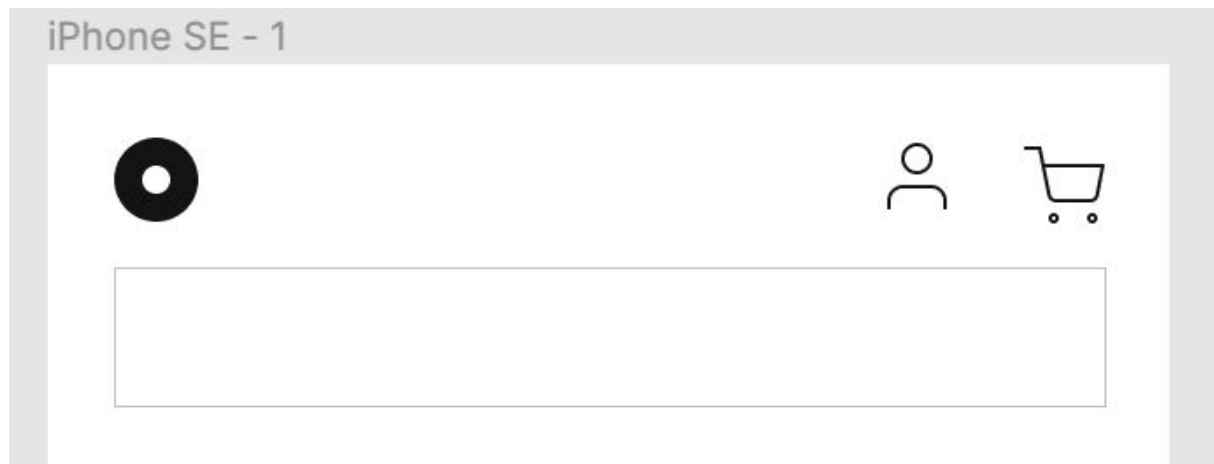
What went well on the project

I took inspiration for the design from sites like zalando.no, and discogs.com. I wanted something minimalistic where the user experience and the products themselves to be the main focus. After all, the main goal of an e-commerce website is ensuring sales conversion is at max.



With that starting point I made a really simple design in Figma just to get started and to lock the starting point of the design process. I also made a really simple logo.





I didn't want to spend too much time on the design part, since designing a full fledged brand would take too much of important coding time. After reading the assignment, I knew the coding part would take the better part of five weeks we had.

I called the company "Omega Records" and made the logo a vinyl record, which also looks like a "O".

What was difficult/didn't go well on the project

Even though the starting point was to do something minimalistic, I found that it made finding colours more difficult. I felt that all the colors I found were already "taken" and would look like something that already existed. If I chose orange/yellow, it would be too similar to zalando/discogs. Some color I felt wouldn't fit the vinyl record would, like purple and blue. I just need to get more experience when it comes to color and branding. I ended up with a simple black/white/grey color scheme to keep the focus on the products themselves.

What would you do differently next time

I would maybe consider trying to design a dark mode type style, since that's the trend now and I feel it would be easier to design with more colors. Minimalistic light designs make color choice harder I feel, but it might just be my lack of experience. I would also spend a little more time doing a proper prototype which would save me some time when it comes to the CSS/SASS part of the project.



End result examples:

Mobile:



Featured products



Product list



Various Artists - Multimal (1972)

£4.00



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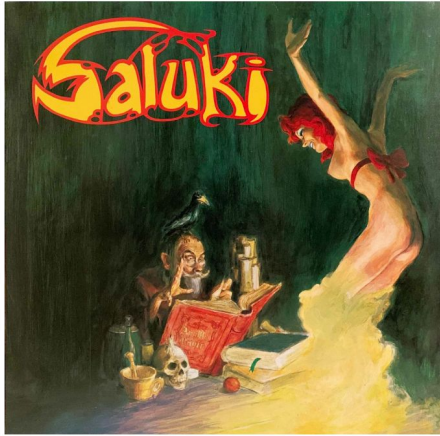
PRODUCTS



PRODUCTS



Shopping Cart



Saluki - Saluki (1977)

Price: €49

Total: 49 kr

CHECKOUT



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ADD

EDIT

LOGOUT ADMIN

Add product

Name

Price

Description

Image

Featured

Yes ▼

ADD



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Tablet:



Featured products



Various Artists - Multimal (1972)
Super rare free jazz album by Trond Botnen, Svein Finnerud Trio and Calle Neumann.



Saluki - Saluki (1977)
Amazing norwegian jazz-rock on the Compendium label.



Skull Snaps - Skull Snaps (1973)
Classic breakbeat record from the funk/soul group.



ADD EDIT

LOGOUT ADMIN

Add product

Name

Price

Description

Image

Featured
Yes ☐

ADD

Product list

Filter



Various Artists - Multimal (1972)
€600



Saluki - Saluki (1977)
€49



Skull Snaps - Skull Snaps (1973)
€399



Moose Loose - Elgen Er Løs (1974)
€95



Marva Whitney - It's My Thing (1969)
€75



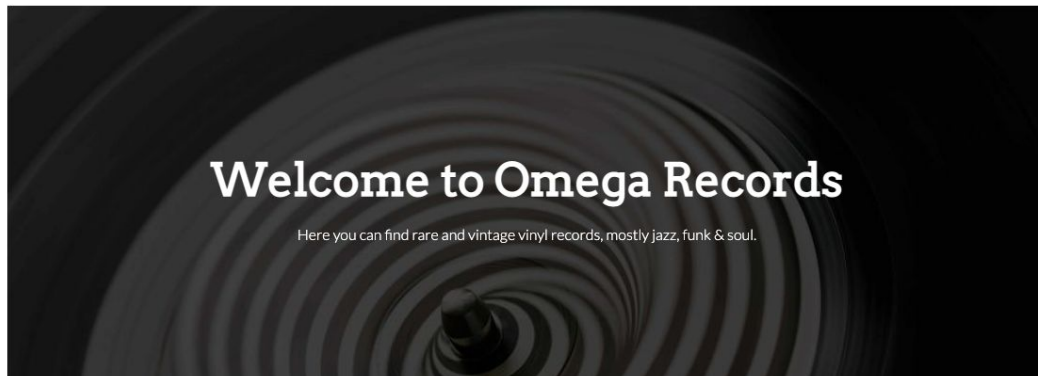
Billy Bang Quintet - Rainbow Gladiator (1981)
€15



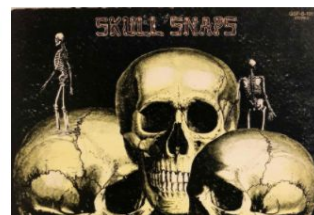
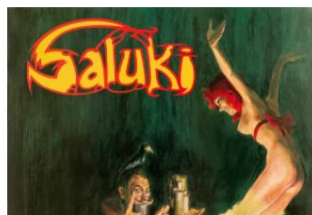
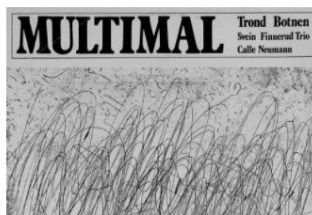
Desktop:



PRODUCTS



Featured products



PRODUCTS



Product list

Filter



Various Artists
- Multimal
(1972)

€600



Saluki - Saluki
(1977)

€49



Skull Snaps -
Skull Snaps
(1973)

€399



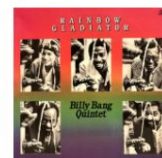
Moose Loose -
Elgen Er Løs
(1974)

€95



Marva Whitney
- It's My Thing
(1969)

€75



Billy Bang
Quintet -
Rainbow
Gladiator (1981)

€15



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PRODUCTS  

Admin login

Username

Password

LOG IN



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Technical

What went well on the project

I'm very happy with the end result. I still relied on the videos from the Javascript 2 curriculum, but the end result is that I have a deeper understanding on how the strange parts of Javascript are working. I went into the project still unsure about many parts of Javascript, but came out with a lot more experience, especially when it comes to problem solving. Coding every day for five weeks straight gave me a lot of experience. I got a better look at how Postman works also, which is great.

What was difficult/didn't go well on the project

With more time or experience, I would have been able to code the file upload field part of the project. But I chose the "easier" route with having the input field instead, but that resulted in other problems that took up quite a few days. It happened because the api fetches broke when using the image_url part of the strapi objects, instead of image.url.

```
2 {
3   "id": 39,
4   "title": "Various Artists - Multimal (1972)",
5   "description": "Super rare free jazz album by Trond Botn",
6   "price": 600,
7   "image_url": null,
8   "published_at": "2020-12-10T12:00:18.798Z",
9   "created_at": "2020-12-10T12:00:00.904Z",
10  "updated_at": "2020-12-10T12:49:52.190Z",
11  "featured": true,
12  "image": {
13    "id": 6,
14    "name": "multimal.jpg",
15    "alternativeText": "",
```

I struggled with part for a long time. I knew It could be fixed by using a if/else statement, but I spent a lot of time figuring out. I knew kind of how to structure the if/else statement, but I found out simply by trying a whole lot of combinations.

```
if (!product.image_url) {
  imageUrl = baseUrl + product.image.formats.large.url;
} else {
  imageUrl = product.image_url;
}
```



And using the input field method of linking images to the products, also created another problem. When you edit a product, via the admin section, and if you update a product that is uploaded with strapi, it breaks the image. So what I had to do is remove the ability to edit the image url via the edit page. That's why I have commented out the lines of code for the image input field.

I'm sure there is a way around this problem, and using the file upload field solution would be one of them. I just couldn't figure it out for this assignment.

What would you do differently next time

So I learned, going the easy route might end up creating more problems than going with the hard route. Go figure.

References

- [Javascript Shopping Cart Tutorial](#)
- [CSS Responsive Cards](#)
- [Google Font Pairings](#)
- [Hero image](#)

