

Portfolio website for Jasper

What does the stakeholder want?

To find out what the stakeholder wanted, I used the CMD-methods interview approach. This meant asking specific questions to get detailed information quickly. By doing an interview, I could directly talk to the stakeholder and get a clear understanding of their needs and expectations. This way, I got the precise information I needed to make sure the project would meet their goals.

Questions:

- 1. What do you want to showcase in your portfolio?**
 - *Projects I worked on:*
 - *Arduino Clock ES - LED Clock*
 - *Volume Slider with a MIDI Controller*
 - *Flipper Cast*
 - *Current project:*
 - *Flipper Machine for Two Persons*
- 2. Do you have any preference for the design and layout of your portfolio?**
 - *I want a Linux terminal style portfolio because I use the terminal regularly, and it represents me as a technology student.*
- 3. Are there any specific features or functionalities you wish your portfolio to have?**
 - *Terminal*
 - *CLI Navigation (Command Line Interface)*
 - *Using CD and LS*
- 4. What is the primary audience or target market for your portfolio?**
 - *Tech companies*
 - *Other embedded system developers (for inspiration)*

Based on this I started doing some research and making a design. I checked like what the differences in CLI are and what are most used commands.

For the portfolio my brother wants to make a terminal like portfolio.

Types of CLI

For my research i started looking to different sorts of terminal styles here is a link to a website with different sorts of terminals <https://www.jqueryscript.net/blog/best-terminal-emulator.html>

Use of CLI

For the use of the command line interface i am going to make it using basic commands and i will check what my brother want to show which projects he has.

This way i can determine what commands i need to use in the portfolio.

<https://builtin.com/software-engineering-perspectives/terminal-commands> this is a website with a list of “beginners/basic” commands.

Different OS'es

there are also differences between operating systems terminals like Linux uses terminal, windows use CMD/PowerShell and MAC uses I-term.

These terminals use a different type of code:

- **Windows terminal:** PowerShell code.
- **Linux terminal:** Bash.
- **Apple terminal (item):** bash.

Since the stakeholder wants me to use a Linux terminal I went searching for common Linux commands, I will list these below, these are also commands I will be using making the portfolio: (C, 2024)

- **LS:** to list directory content (list site content)
- **Cd:** changes the working directory (change the site the user is currently on)
- And you can type the names of the pages to get there Aswell.

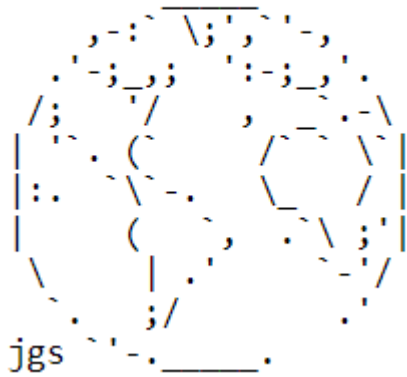
After this i asked some feedback from Maikel told me I should look into ascii art

So, to make the terminal a bit playful and interesting to look at i was thinking about using Ascii art this can be anything, but it converts the image, text, icon, or game in CLI.

There is also a way to convert images to ascii art but this way images get chaotic and unreadable, so I won't be using this in the portfolio.

Here are few examples for ascii-art:

Earth

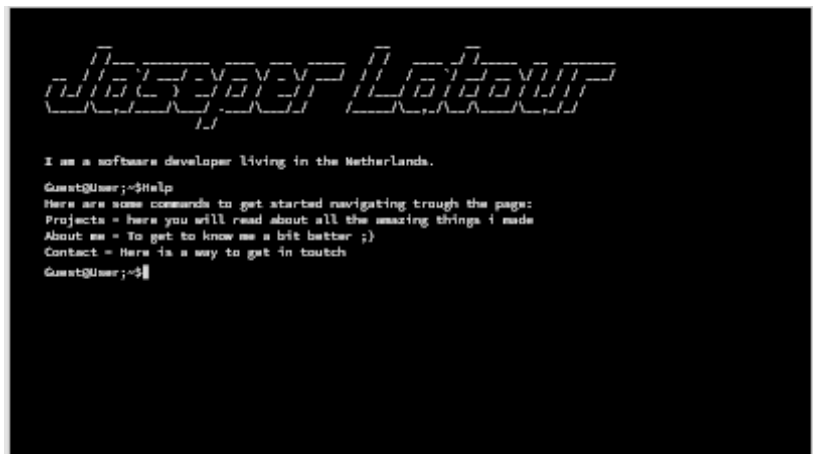


portfolio Jasper Labout

I will be using The Ascii-art for the title, this to make clear whose portfolio this is in a techy way. I did make an interactive prototype; I will link this in my portfolio.

With this in mind is started creating a design.

As you see I used the ascii art title.
And a basic terminal look, this design is mainly about functionality.



Then i went back to the stake holder and showed this design, again did an interview about what he liked about it. This because an interview is the best way to gather specific information and it is the easiest way of communication specific information.

1. **How do you want to navigate through the page?**
 - o **Terminal & normal buttons:**

- Do you want to make the page appear in the current page with a terminal-like animation?
 1. *I want to use ASCII art only when the image or so is still readable or when you can still recognize the image.*
 - Or do you want the content of the pages in the terminal itself, so when you type a command, the terminal gets bigger, and there is the page in CLI and ASCII art?
 1. *For the navigation, just a new page is cool.*
2. **Do you want the ability to go through the portfolio without using the terminal?**
- *Yes, I think it is important to let everyone see my portfolio. This way multiple people can look at my journey.*

So, he wanted people to use it even if they don't know how a terminal works.

Based on this interview I made the following design.

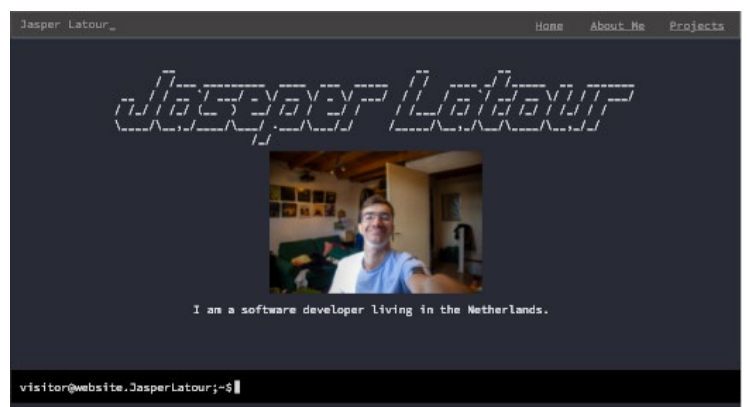
Here you see That I made the design centred and added a hamburger menu tot the left this so people that don't know how a terminal works also can surf trough the website.



Then I asked him what he thought of this design, and he asked if I could make it like a normal website and add the terminal in like some hacky way. So, it looks like you're hacking the page. And make it in a more modern terminal style like currents Linux terminal.

After this I made the final design and. Also made this into an interactive prototype.

Here you see a more modern look, I made it into a more default website, I added the navigation bar at the top. I also put the terminal at the bottom of every page if you hover it, it expands.



You can see the final website here at jasper.platour.net

<https://browsersync.io/#install>

C, V. (2024, February 22). *60 Essential Linux commands + Free Cheat sheet*. Hostinger Tutorials. <https://www.hostinger.com/tutorials/linux-commands>