A close up of a sign

Description automatically generated

COURSE - WEB DESIGN

**HOMEWORK ASSIGNMENT**

STEPS TO BUILDING THE SITE

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I wanted my site to be light, easy to read, straightforward, and above all responsive. I wanted to gain the experience on working the site to be available on different device sizes.

Firstly, I started designing the website on Figma, a designing software, so I could see how it would appear. Made changes to colours, to structure, and so on. From there I copied the design and started writing the code. Also, before writing any code, I watched YouTube videos, on how to make a site responsive. Discovered @media queries, @keyframes (for the slightest animations), and @font-face (which was responsive to add fonts downloaded from the internet). I downloaded the fonts on dafont.com. some from googles online available fonts, etc.

\*BACKGROUND ANIMATION\*. I used @key-frames to set up the steps and styles that the element should take in the animation. I made it to reset after some seconds and used light yellow, light cyan and beige colours.

\*JAVASCRIPT FOR THE SCROLLING BUTTON UP TOP AND THE DROP-DOWN BUTTON FOR THE NAVIGATION BAR\*. I created a function toggleDropdown(). Then I got the needed element by getElementById(). Which then it displays a drop-down menu. For the “scroll-down button” animation – I also got the element needed with getElementById(). All of this was made on scroll, and I checked if the Y value was greater than 0 then make it disappear, otherwise when I went above to appear again.

I chose my page to have only 4 sections, home, about, portfolio, and contact. Where on home I had a minimal design, and then on about and portfolio, I had started to explain to the viewers what I was doing, who I was, and what did I offer.

After I designed the navigation bar, which I made responsive of course. I wanted to make it that the links in the navigation bar to disappear and to turn into a button, in which after u press the button the links come out as a drop-down menu. My favourite feature on the navigation bar was the blurriness and the colours. Which I made with backdrop-filter: blur(6px), and used different colours which I made with rgba, hsla.

For the font size I used clamp. Which was a property that made the text appear the same size on different screens. You set the maximal, minimal and preferred size.

Then on the part when I show my photo and that I say a little about me, I also made this responsive. Which till some pixels I made it using flexbox, and below some pixels I used grid to make it viewable on smaller devices.

Quote part: I found it the hardest to pick out the box-shadowing on elements so they could appear 3d. I also used text-shadowing to make it look even more 3d.

The “about me” section for me was my favourite. I used multiple fonts, and I made the colours on the text the same colour as the one I used for my name in the header. I didn’t want to use too many photos. I made an animation (with the help of internet) on the image of Skopje, when I hovered on it to display the name of the capital. Which I used the pseudo element, ::after. I specified the content the transition and some other essentials for the text to appear in the wanted position. I then surfed the internet to find a page break of some sort. Then I came across the svg elements that looks like a star.

The part that took me the most time was the portfolio section. It took time because on different sizes I made It look nice. I made 3 media queries for this. Which on desktops it looked 2 rows, 4 columns. Then after I made it be 3 rows, and 2 columns (this took a little time). For the second query I used grid-area. In which I specified each card with its own name and then ordered them in my desired way. For the animation on the other hand on hover I added the following properties

On hover:

box-shadow: 4px 6px 0px rgba(55, 22, 22, 0.67);  
transform: translateY(-0.4em);

And, :active

box-shadow: none;  
transform: translateY(0);

and after for mobile phones I added another media query that uses flexbox to make them each of the cards go in a different row.

The next and the final section is the contact one. It is also responsive. I made a simple contact form with the help of animations for the button. On the other side of the whole section I got the svg elements from the internet, and of course the properties I used throughout the whole site

box-shadow: 4px 6px 0px rgba(55, 22, 22, 0.67);  
transform: translateY(-0.4em);

To complete the website of course I made a footer and a “back to top” button that takes you back to the home section.