* **Introduction**

I am currently employed in the role of website development for the awareness of COVID-19. The company currently hosts their website through the Visual Studio Code Editor Platform. The platform is easy to use but Integrity is beginning to reach the platform's capacity for hosting our website and is experiencing significant editing lags and glitches due to having too many web pages.

In the past week the number of new COVID-19 cases and deaths continued to rise with 70 million cumulative cases and 1.6 million deaths globally since the start of the pandemic. The Regions of the Americas and Europe continue to shoulder the burden of the pandemic, accounting for 85% of new cases and 86% of new deaths globally.

* **Target Audience**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| User group | Functions | Age | gender | Web experience |
| Patients  (Diagnosed with Covid-19) | * Contact for treatment * Looking for help * Share experience * Cope up with anxiety | No defined age | Male/ Female | Varies  (many have good experience) |
| Viewers  (gain knowledge for Covid-19) | * Might be contacted with a patient * To help the infected person | No defined age | Male/ Female | Varies  (many have good experience) |
| Potential Patients  (might have symptoms for covid) | * Checking for common symptoms * Fear or anxiety * Check with doctors | No defined age | Male/ Female | Varies  (many have good experience) |

* **Goal of Site**
* Get in touch and help Patients diagnosed with Coronavirus.
* Give the latest and proper information regarding the pandemic.
* Increase patient count in hospitals.
* **Structure of Website**

The website is structured as shown in the tree diagram below and categorized by five main categories with multiple sub-categories that each result in their own web page.

The first category is titled “About”. The web page describes every little detail about our services and the nature of disease.

The second category is titled “Take Action”. This web page is very important to diagnosed patients as it has the motivational stories and happy endings from the recovered patients who have defeated the evil Covid-19.

The third category is titled “News”. Another important web page as it keeps on updating with the latest and proper news related to pandemic and disease.

Fourth category is titled “Doctors”. This web page gives the viewer a sense of condolence as our very expert doctors share their advice and suggestions for the disease.

Fifth and the last page is titled “Contact”. Here the Patient/Viewer/Potential Patient reaches out to us by sending us an email and a message along.



* **Project Log**

Planning / Research: i spent the first 3 days researching and the next 2 days in planning the website. Collecting the current facts and news about COVID-19 was a big task that was accomplished within the time span of 3 days.

Creation of HTML Pages: Next week I spent collecting the content for the pages from the blogs on the internet. BBC news as well as TOI news helped a lot in searching for content. Next step was to store all this information in a word file for further usage.

Basic CSS File: As i finished the adding of the content part now was the time to style the pages. Along with doing HTML, I kept the CSS file open for smooth coding experience. Also the inspector in my chrome browser helps a lot while doing CSS.

Formatting: I spent the last two days of the project tweaking the formatting of the web pages. As described in the problems and solutions section, there were multiple components of the web page at this point that did not look correct on the website. I spent a lot of time reviewing the class notes, researching on the internet for solutions and tweaking the html and css files to determine if different methods would work to resolve the formatting issues.

Report: I spent the last day finalizing formatting edits and writing the last portions of this report.

* **Problems And Solutions**

Challenge: Responsive Nature

Website completes only after making it responsive, i was facing difficulties while doing @media query in the same css as my style.css. In order to overcome this I made a new CSS file titled “Responsive.css”. Only after that was it good to go.

Challenge: Distance Education

I am certain that each student found the current situation with COVID-19 brought challenges to their education and completion of the semester. I have completed numerous distance education/online courses in the past and am typically adept to learning in this environment, however this transition presented significant challenges to my completion of the semester and this project. My career is deemed an essential service where I am expected in the office each day and I have a four-year-old daughter who no longer receives daycare during this period. This has prevented me from attending the online lectures during scheduled class times, when I previously had the freedom to attend class. The current challenges presented by the changes in society required me to complete all of the lectures and coursework during late hours of the night and often quite near the deadlines due to my primary commitments of work and parenting. I found this challenging, but believe that I overcame this challenge in the end with a lot of caffeine and a supportive family.

Challenge: Screen Size

I had a difficult time ensuring that the web page fit the screen, without extending beyond requiring a scroll bar horizontally. To resolve this issue, again I spend a lot of time researching on Google, reading forums and the W3Schools website. My CSS File had set the body and html width to 100% with 0 margins. My header and footer width were both set to 100% as well and yet, I continued to have additional space on the right hand of my screen. I was able to resolve this.

* **Conclusion**

This assignment was an excellent exercise for me both academically and professionally. Academically, I felt that it gave me a lot of practice in exploring the concepts taught in the lectures. The hands-on practice of practicing the page structure and positioning of elements assisted me in feeling more prepared for our final exam than the theory section of reading the lecture slides and notes.

Professionally, this exercise gave me insight into the amount of work required to build our own website. I believe the website that I have constructed for this assignment is aesthetically professional, but there are elements still lacking that would be required for our professional use. Therefore, I would likely hire an external party to create the website, but I would now feel much more confident to assist in maintaining the site and creating the obituary pages for the families each week.

* **References**

Times of India https://timesofindia.indiatimes.com/

World Health Organisation https://www.who.int/

Stack Overflow. https://www.stackoverflow.com/

W3Schools <https://www.w3schools.com/>

*For image i used several different sites and removed background from https://www.remove.bg/*