**COVID-19 Website Documentation**

This document provides a comprehensive overview of the COVID-19 website design, its purpose, and technical specifications.

**Team Details**

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**Synopsis**

The COVID-19 website aims to inform and educate the public about the virus, its symptoms, preventive measures, and latest updates.   
It provides an intuitive user experience, highlighting key information such as wearing masks, hand hygiene, and social distancing.  
The site is designed to be responsive and accessible, ensuring information reaches a wide audience.

**Acknowledgement**

We extend our sincere gratitude to all the team members and experts who contributed to the creation of this website.   
Their efforts in researching and designing have been instrumental in bringing this project to life. Special thanks to our mentors and the development team for their support and guidance.

**Problem Definition**

The primary challenge addressed by the website is the spread of misinformation about COVID-19.   
Many individuals lack access to accurate and timely information regarding preventive measures, symptoms, and resources.  
This site aims to bridge that gap by providing verified and concise information in an easy-to-navigate format.

The primary challenge addressed by the website is the spread of misinformation about COVID-19. Since the onset of the pandemic, a surge of inaccurate and misleading information has circulated across various online platforms, creating confusion and fear among the general public. Social media channels, unverified news sources, and even well-meaning individuals have inadvertently contributed to a vast pool of false narratives regarding preventive measures, symptoms, treatments, and vaccines. This misinformation has had severe implications, leading to misguided health practices, increased transmission rates, and a general mistrust in credible health organizations and guidelines.

One of the core issues is the rapid dissemination of misinformation compared to accurate information. Studies have shown that false news spreads significantly faster than verified facts, largely due to its sensational nature, which captures attention more effectively. Many individuals lack the skills or resources to fact-check the information they consume, making them vulnerable to believing and sharing falsehoods. Additionally, language barriers and limited access to reliable sources exacerbate this problem, especially in underrepresented communities.

The site aims to bridge this gap by providing verified and concise information in an easy-to-navigate format. By partnering with health organizations, leveraging data from reputable sources like the World Health Organization (WHO) and the Centers for Disease Control and Prevention (CDC), and ensuring that all content undergoes a rigorous fact-checking process.

**Customer Requirement Specification**

1. The website must be responsive and accessible on all devices.  
2. It should provide information on symptoms, prevention, and updates related to COVID-19.  
3. Must include interactive elements such as buttons and navigation.  
4. Should adhere to web standards for security and performance.  
5. Content must be easily manageable and updata

**Design Specification**

1. The design follows a clean and modern aesthetic with a focus on readability and accessibility.  
2. Uses a red and black color scheme to emphasize alerts and important information.  
3. Features a fixed header for easy navigation and a responsive grid layout.  
4. Custom buttons and hover effects enhance user experience.  
5. Ensures fast loading times and efficient media usage.

**Scope of Work**

1. Develop the front-end using HTML, CSS, and JavaScript, ensuring responsiveness.  
2. Integrate real-time data for COVID-19 updates if required.  
3. Test the website for compatibility across different browsers and devices.  
4. Implement SEO best practices to enhance visibility.  
5. Maintain and update content regularly to ensure accuracy.