

INNOVATE. CREATE. SOLVE
Bengaluru, Karnataka, India



AN INTERNSHIP REPORT ON
“TRIBUTE TO DOCTORS”

Bachelor of Engineering
In
Computer Science and Engineering

Submitted By: Sunidhi Tavargeri (2KE18CS049)



KLE INSTITUTE OF TECHNOLOGY, HUBBALLI

ABOUT THE COMPANY

IC Solution (ICS) is a digital service provider that aims to provide software, designing and marketing solutions to individuals and businesses. At ICS, we believe that service and quality is the key to success.

We provide all kinds of technological and designing solutions from Billing Software to Web Designs or any custom demand that you may have. Experience the service like none other!

Some of our services include:

Development - We develop responsive, functional and super-fast websites.

We keep User Experience in mind while creating websites. A website should load quickly and should be accessible even on a small view-port and slow internet connection.

Mobile Application - We offer a wide range of professional Android, iOS & Hybrid app development services for our global clients, from a start up to a large enterprise.

Design - We offer professional Graphic design, Brochure design & Logo design. We are experts in crafting visual content to convey the right message to the customers.

Consultancy - We are here to provide you with expert advice on your design and development requirement.

Videos - We create a polished professional video that impresses your audience.

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OVERVIEW OF THE PROJECT

Project Name: **“Tribute to Doctors”**

Team Members: Sunidhi Tavargeri

Srishti A Bulbule

Nandita D Nilange

Soujanya G R

This project is based on Web Development And its Applications.

The main objective of this project is to learn the implementation of HTML, CSS and JavaScript. The basic webpage of this project is created using HTML and styling of the webpage is done using CSS.

This webpage is designed to tribute our respected Doctors who fought against Covid-19 and saved thousands of lives.

ABOUT TRIBUTE TO DOCTORS

Needless to say, doctors, nurses and people working in health-care sectors are particularly vulnerable to the highly infectious disease. In response to the global pandemic, the under-resourced doctors are facing unprecedented challenges. The list of the sleep-deprived heroes includes doctors, nurses, medical cleaners, pathologists, paramedics, ambulance drivers, and health-care administrators. In the fight against coronavirus, the brave medical army stands strong with thermometers, stethoscopes, and ventilators as their weapons. Not to forget, medical researchers are working day in and night out against all odds, hoping to find the antidote to the disease.

Since the coronavirus outbreak, health-care professionals have not only experienced the gratification of healing patients and saving their lives but have also lost many battles along the way. On top of that, many doctors have even sacrificed their own lives in the line of duty.

Every day, the selfless warriors are giving it their all in health-care settings while cutting themselves off from their families and loved ones. The sacrifice that they are making for the safety and welfare of humanity is priceless and deserves lifelong gratitude on our end. Most importantly, we must reassess the value health-care workers hold in our lives and the kind of treatment they get from us. Among the several lessons this coronavirus pandemic has been teaching us, the biggest one is to find ways to sufficiently invest in the better and more efficient medical fraternity and give medical professionals the respect, compensation and infrastructure that they truly deserve once this crisis is over. Moreover, the world needs to work towards advancement in medical research and technology. Nothing will be a greater tribute to the health-care workers.

TOOLS USED

Software Requirements:

- ATOM.
- Google Chrome or Brave Browser.
- Front End: HTML, CSS
- Windows XP/7/8/10 OS.

Hardware Requirements:

- Pentium 200-MHz computer with a minimum of 64 MB of RAM (128MB of RAM recommended).
- Monitor with a refresh rate of at least 40Hz for a smooth GUI experience (optional).

IMPLEMENTATION

Source Code :

index.html

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>PROJECT 1</title>
    <link rel="stylesheet" href="cssp1/style.css">

    <link rel="icon" href="P1 favicon.ico">

    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link
      href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
    <script
      src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
    <script
      src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"
    ></script>
    <script
      src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></sc
      ript>

  </head>
  <body>

    <nav class="navbar navbar-expand-md navbar-light" style="background-color:
    #CBBCB1;">
      <a class="navbar-brand" href="#">Team-Techie</a>

      <button class="navbar-toggler" type="button" data-toggle="collapse" data-
      target="#collapsibleNavbar">
        <span class="navbar-toggler-icon"></span>
      </button>

      <div class="collapse navbar-collapse" id="collapsibleNavbar">
```

```
<ul class="navbar-nav ml-auto">
  <li class="nav-item">
    <a class="nav-link" href="index.html">Home</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="Contact.html">Contact</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="AboutUs.html">AboutUs</a>
  </li>
</ul>
</div>
</nav>
```

```
<div class="top-container">
  <em><span class="headding"><pre>
    Tribute to Doctors
  </pre></span></em>
</div>
<br><br>
```

```
<div class="middle-container">
  <h2><strong>A tribute to frontline corona warriors–Doctors who sacrificed
their life while saving patients during the ongoing COVID-19
pandemic</strong></h2><br>
```

```
  
```

```
  <p class="intro">The 2019–2020 coronavirus pandemic is upending life on a
global level as we know it. The highly infectious coronavirus disease 2019
(COVID-19) is caused by severe acute respiratory syndrome coronavirus 2
(SARS-CoV-2). It was first seen in Wuhan, Hubei, China where its outbreak
was first identified in December 2019. After almost 3 months, on March 11,
2020, the World Health Organization recognized it as a pandemic considering
its significant ongoing spread in multiple countries across the world.<br>
```

While on one hand people across India and around the globe are largely confined to their homes with businesses and educational institutions all shut down in an attempt to contain the virus, and on the other hand doctors, health-care workers, and medical staff members are leading the battle against COVID-19 from the front. Putting their own lives at risk with selfless determination for the sake of saving lives, they truly are our heroes in these challenging times. While they are putting their own health, families, and most importantly their own lives at risk, the least we can do is appreciate their efforts and cooperate by

staying safe indoors. That being said, it is good to see tributes pouring in for all the medical heroes working in scrubs. On occasion of the Doctors' Day, the stories of the medical heroes are inspiring and heartbreaking at the same time.

</p>

<p>The recent wave of corona virus is spreading like a 'tsunami' in India. As on April 23, 2021, the COVID-19 cases have crossed the 15.9 million, with 1,85,000 deaths. The 2nd wave is evolving at a phenomenal speed as compared to the 1st wave. There could be several factors responsible for the increased number of cases in the second wave. It is observed that the mutant virus has more effective transmission capability and its incubation period is also lesser. There has been a widespread disregard to the 'Covid Appropriate Behaviours or CAB' by the public and the quality of masks used are highly variable. N-95 masks are not much favored masks in India, due to their higher costs and the majority public are using either the indigenous masks made of clothes or are repeatedly using the same and worn out masks. The sharp rise can also be attributed to the higher testing; but, the doubts have been raised about the quality of testing as several cases of positive Covid-19 symptoms are reported as negative on the RT-PCR test.</p>

<p>It has been stated that several factors could have led to rise in reproduction number (R0) in India. If the number of COVID-19 cases rises on day to day basis with the current phenomenal speed; there will be the exhaustion of resources and manpower. There is an acute shortage of hospital beds, oxygen supply, medicines, and ventilators across the country for COVID-19 patients. Although there is no significant percentage increase in the death rate in the second wave, but due to alarmingly high number of infections, the total death numbers are disappointingly high. Therefore, there is an urgent need for temporary but timely establishment of the hospitals that can save thousands of lives. Since, there no end to this clamity visible in the near future, the population has to learn to live with it in the most careful and safe manner and follow the CAB strictly. It is obvious that the prevention is better than cure for this disease and all the possible measures such as engagement and participation of public in controlling the disease, strict implementation of COVID Appropriate Behaviors (i.e, social distancing, use of face masks, and hand sanitation), mini lockdowns, night curfews, micro containments, etc must be implemented and observed by the Public.

</p>

Risks and Challenges faced by the Doctors during Covid-19 Second Wave

<p>Needless to say, doctors, nurses and people working in health-care sectors are particularly vulnerable to the highly infectious disease. In response to the global pandemic, the under-resourced doctors are facing unprecedented challenges. The list of the sleep-deprived heroes includes doctors, nurses, medical cleaners, pathologists, paramedics, ambulance drivers, and health-care administrators. In the fight against coronavirus, the brave medical army stands strong with thermometers, stethoscopes, and ventilators as their weapons. Not to forget, medical researchers are working day in and night out against all odds, hoping to find the antidote to the disease.</p>

<p>Since the coronavirus outbreak, health-care professionals have not only experienced the gratification of healing patients and saving their lives but have also lost many battles along the way. On top of that, many doctors have even sacrificed their own lives in the line of duty.</p>

<p>Every day, the selfless warriors are giving it their all in health-care settings while cutting themselves off from their families and loved ones. The sacrifice that they are making for the safety and welfare of humanity is priceless and deserves lifelong gratitude on our end. Most importantly, we must reassess the value health-care workers hold in our lives and the kind of treatment they get from us. Among the several lessons this coronavirus pandemic has been teaching us, the biggest one is to find ways to sufficiently invest in the better and more efficient medical fraternity and give medical professionals the respect, compensation and infrastructure that they truly deserve once this crisis is over. Moreover, the world needs to work towards advancement in medical research and technology. Nothing will be a greater tribute to the health-care workers than this.</p>

<center>

Doctor deaths in Second Wave

</div>

<div class="bottom-container">

LinkedIn

```
<a class="footer-link" href="https://twitter.com/">Twitter</a>
<a class="footer-link" href="https://www.instagram.com/">Instagram</a>
<p class="copyright">© 2021 Team-Techie. All rights reserved.</p>
</div>
</body>
</html>
```

death-rate.html

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
<head>
  <meta charset="utf-8">

  <title>Doctor deaths in Second Wave</title>
  <link rel="stylesheet" href="cssp1/style.css">
  <link rel="icon" href="D favicon.ico">

</head>
<body>
  <div class="inside">
    <h1 class="headd2"><strong>Doctor deaths in Second Wave</strong></h1>
    
    <p>These are some among <strong>800 doctor deaths</strong> that the Indian Medical Association (IMA) has counted in the second wave of Covid-19 this year. A majority were from Bihar and Delhi, as per the IMA, which has maintained a state-wise registry of doctors who died of Covid-19.</p>
    <p>“So far, we have the data of 800 doctors in our registry and initial observations indicate that a majority were yet to be fully vaccinated. Not many had got the first dose of the Covid-19 vaccine,” Dr Lele said, adding that they were also looking at data where young doctors had succumbed to Covid-19 and, among primary reasons, could be exposure to high viral load in ICUs or CCUs. He, however, said the analysis was underway.</p>
    <p>According to the state-wise list of doctors who died in the IMA Covid registry, 128 medicos were from Delhi, 115 from Bihar and 79 from Uttar Pradesh, who succumbed to the infection. West Bengal reported 62 deaths of doctors followed by 51 in Tamil Nadu, 44 in Rajasthan, 42 in Andhra Pradesh, 39 each in Gujarat and Jharkhand, 37 in Telangana, 36 in Odisha, 24 in Kerala and 23 in Maharashtra. Haryana reported 19 deaths while Assam reported 10. Last year, the toll among this high-risk group was 754. Then, the highest
```

numbers were from Tamil Nadu and West Bengal.</p>

<p>According to Dr Rohan Krishnan, national vice-president of Federation of All India Medical Association (FAIMA), there was no data on how many doctors had died after being administered one dose of the vaccine. “However, according to available information, it is likely that few would have succumbed after both doses of vaccination. There were, however, several doctors who did get infected after the dose but 99 per cent recovered,” he said.</p>

<video class="video" width="500" height="400" controls>

<source src="snapshots/video.mp4" type="video/mp4">

Your browser does not support the video tag.

</video>

<q class="quote">They're treating those who need it most, working endless shifts, making heartbreaking choices, pioneering lifesaving medicine, putting themselves at risk, and doing so much more than we could ever understand.</q>

<h3 class="headd2">Doctors and Health Care Workers are facing several challenges during COVID-19 pandemic:</h3>

<p>A) Shortages of Personal Protective Equipments: Most health care facilities in India are facing shortages of personal protective equipments (PPE), including face masks, gowns, and respirators. Either the hospitals do not have these available in adequate numbers or they cannot afford to purchase the PPEs. In these extraordinary times, the health care providers must adapt and be flexible so that HCWs continue to safeguard themselves, their colleagues, their families, and their patients in this crisis.

B) Long working hours: It is becoming apparent from the reports from across the world that the long duty hours of the HCW is a major risk factor for them to acquire infection and hence it is mandatory they work in shorter shifts, based on a strict rota.

C) Violence against HCW: It is highly disturbing and demoralizing to see the HCW on duty are facing violence against them from some irresponsible public, within the hospitals and in the community surveillance work. It damages and dampen the work of HCW and may ultimately affect the health care of the public.

D) Increased risk of infection: The reports are coming in from across the world that several HCW are getting infected or dying due to COVID-19. In Spain, HCW have accounted for at least 14% of total COVID-19 cases. The hospitals and isolation centres are getting overloaded, essential medical equipments are scarce and the doctors and nursing staff are stretched

thin. The high viral load in hospital settings may make healthcare workers particularly susceptible to the disease.

E) Social and Family impacts: Indeed the Medicine is a humanitarian profession, and the HCW have a duty to care for the sick. By willingly entering into this profession, they have implicitly agreed to accept the risks involved in it. However, they need to balance their obligations as professionals with their duties to their family members too. The risk to personal health from the coronavirus is alarming enough, but the risk of infecting their families because of exposure on the job is unjustified and not acceptable. The HCW have also been facing a sort of ‘ostracisation’ by society. Several HCW have been asked to vacate their rented accommodation on the presumption that they may carry and spread this disease from their place of work (hospitals) to society.

</p>

<q>Doctors and Health Care Workers have played an important role during the Covid-19 pandemic. We will forever be grateful to them.</q>

</div>

</html>

Contact.html

```
<!DOCTYPE html>
```

```
<html lang="en" dir="ltr">
```

```
<head>
```

```
<meta charset="utf-8">
```

```
<title>Contact</title>
```

```
<link rel="stylesheet" href="csspl/style.css">
```

```
<link rel="icon" href="C favicon.ico">
```

```
</head>
```

```
<body>
```

```
<h1 class="contact">Contact</h1>
```

```
<br><br>
```

```
<p class="para">For any queries regarding the creation of the Site, Advertisement or any other issues, Please feel free to contact Team-Techie or mail us at <em><strong>sunidhitavargeri759@gmail.com or srishtiab01@gmail.com</strong></em></p>
```

```
</body>
```

```
</html>
```

AboutUs.html

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>AboutUs</title>
    <link rel="stylesheet" href="cssp1/style.css">
    <link rel="icon" href="A favicon.ico">
  </head>
  <body>
    <div class="topsection">
      <h1 class="aboutus">AboutUs</h1>
      <p>We the Students of Bachelor of Engineering have designed the website to
tribute our respected Doctors who fought against Covid-19 and saved thousands
of lives.</p>
      <br>
    </div>
    <div class="middlesection">
      <br>
      <h2>Sunidhi Tavargeri</h2>
      <p>Bachelor of Engineering in Computer Science<br>
sunidhitavargeri759@gmail.</p>
      <br>
      <h2>Srishti A Bulbule</h2>
      <p>Bachelor of Engineering in Computer Science<br>
srishtiab01@gmail.</p>
      <br>
      <h2>Nandita D Nilange</h2>
      <p>Bachelor of Engineering in Electronics and Communication<br>
nanditanilange@gmail.</p>
      <br>
      <h2>Soujanya G R</h2>
      <p>Bachelor of Engineering in Computer Science<br>
soujanyagr18@gmail.</p>
      <br>
      <br>
    </div>
  </body>
</html>
```

style.css

```
body {  
  background-image: url(../snapshots/cover-imgfinal.jpg);  
  background-size: cover;  
}
```

```
.top-container {  
  position: absolute;  
  top: 15%;  
}
```

```
.headding {  
  text-align: center;  
  color: black;  
  font-size: 60px;  
  font-weight: 800;  
  animation: text 2s 1;  
}
```

```
@keyframes text {  
  0% {  
    color: black;  
    margin-top: 40px;  
    margin-bottom: -40px;  
  }  
  30% {  
    letter-spacing: 5px;  
    margin-top: 40px;  
    margin-bottom: -40px;  
  }  
}
```

```
.middle-container {  
  padding: 0 20px 0 20px;  
  position: relative;  
  padding-top: 100px;  
  font-size: 18px;  
  font-weight: 500;
```

```
font-family: 'Merriweather' , serif;  
}
```

```
p {  
  line-height: 2;  
}
```

```
.img1 {  
  border: solid;  
  border-width: thick;  
  border-color: #F9F9F9;  
  float: left;  
  margin: 15px 30px 8px 20px;  
  height: 300px;  
  width: 400px;  
  animation: text 1s 1;  
}
```

```
@keyframes image {  
  30% {  
    margin-top: 40px;  
    margin-bottom: -40px;  
  }  
  30% {  
    margin-top: 40px;  
    margin-bottom: -40px;  
  }  
}
```

```
.img2 {  
  border: solid;  
  border-width: thick;  
  border-color: #F9F9F9;  
  float: right;  
  margin: 15px 30px 20px 20px;  
  height: 300px;  
  width: 400px;  
  animation: text 1s 1;  
}
```



```
@keyframes image {
  30% {
    margin-top: 40px;
    margin-bottom: -40px;
  }
  30% {
    margin-top: 40px;
    margin-bottom: -40px;
  }
}

.img3 {
  border: solid;
  border-width: thick;
  border-color: #F9F9F9;
  float: left;
  margin: 15px 30px 30px 20px;
  height: 300px;
  width: 400px;
  animation: text 1s 1;
}

@keyframes image {
  30% {
    margin-top: 40px;
    margin-bottom: -40px;
  }
  30% {
    margin-top: 40px;
    margin-bottom: -40px;
  }
}

.nav-item {
  margin-right: 30px;
}

.copyright {
  color: #F9F9F9;
  padding: 30px 0 20px;
}
```

```
.bottom-container {
  text-align: center;
  background-color: #6E7C7C;
  padding: 30px 0 10px 0;
}

.footer-link {
  color: #4E3D53;
  font-family: 'Montserrat' , sans-serif;
  margin: 10px 20px;
  text-decoration: none;
  font-size: 18px;
}

.footer-link:hover {
  color: #FAD5AD;
  text-decoration: none;
}

.inside {
  padding: 0 20px 0 20px;
  position: relative;
  padding-top: 10px;
  font-size: 18px;
  font-weight: 500;
  font-family: 'Merriweather' , serif;
  line-height: 2;
}

.img4 {
  border: solid;
  border-width: thick;
  border-color: #F9F9F9;
  float: right;
  margin: 15px 30px 20px 20px;
  height: 300px;
  width: 400px;
  animation: text 1s 1;
}
```

```
@keyframes image {
  30% {
    margin-top: 40px;
    margin-bottom: -40px;
  }
  30% {
    margin-top: 40px;
    margin-bottom: -40px;
  }
}

.video {
  float: left;
  border: solid;
  border-width: thick;
  border-color: #F9F9F9;
  margin: 0px 30px 30px 20px;
}

.quote {
  font-size: 25px;
  line-height: 2;
}

.quote:hover {
  color: #E63E6D;
}

.headd2 {
  text-decoration: underline;
}

.death-rate {
  font-size: 25px;
  color: #001E6C;
  text-decoration: none;
  font-family: 'Montserrat' , sans-serif;
}

.death-rate:hover {
  color: #E48900;
  text-decoration: none;
}
```

```
}
```

```
.contact {  
  text-align: center;  
  font-size: 40px;  
  font-weight: bold;  
  font-family: sans-serif;  
  padding: 100px 50px 20px 0px;  
}
```

```
.para {  
  font-family: 'Montserrat' , sans-serif;  
  font-size: 18px;  
  font-weight: 500;  
  line-height: 2;  
  padding: 0px 20px 0px 40px;  
}
```

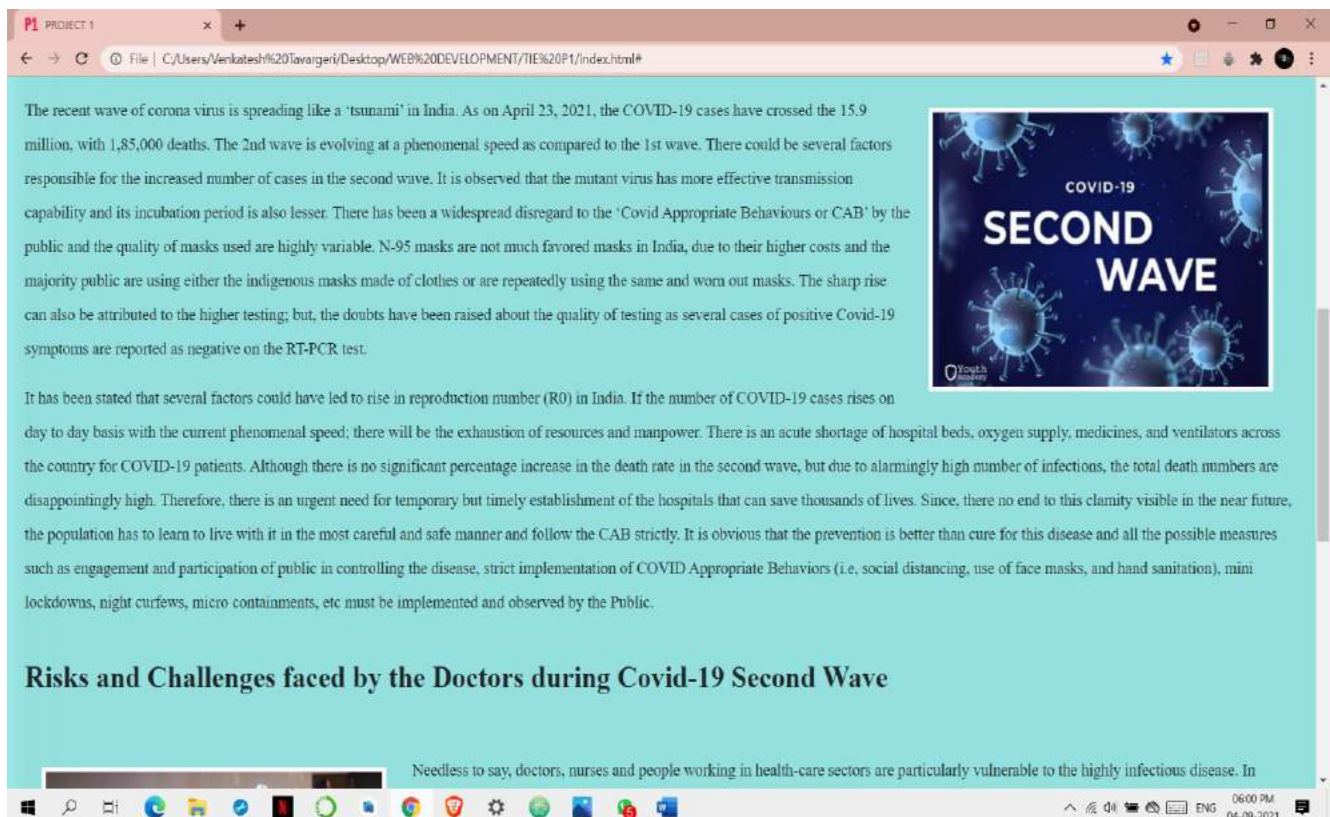
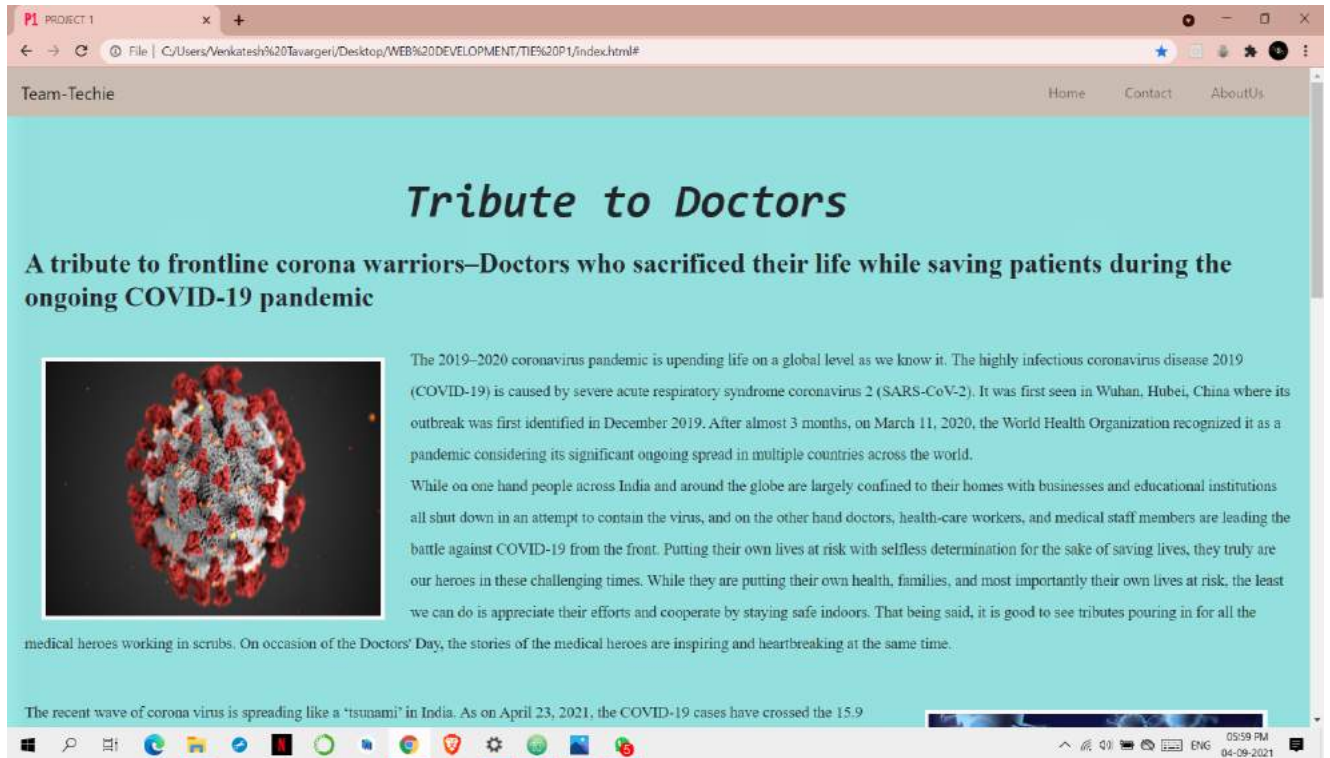
```
.aboutus {  
  font-family: 'Montserrat' , sans-serif;  
  text-align: center;  
  font-size: 40px;  
  font-weight: bold;  
  font-family: sans-serif;  
}
```

```
.topsection {  
  background-color: #F0E5CF;  
  font-family: 'Montserrat' , sans-serif;  
  font-size: 20px;  
  line-height: 2;  
  font-weight: 500;  
  padding: 10px 20px 30px 30px;  
}
```

```
.middlesection {  
  text-align: center;  
  font-family: 'Montserrat' , sans-serif;  
  font-size: 20px;  
  font-weight: 500;}  

```


SNAPSHOTS



PROJECT 1

File | C:/Users/Venkatesh%20Tavargeri/Desktop/WEB%20DEVELOPMENT/TIE%20P1/index.html#

Risks and Challenges faced by the Doctors during Covid-19 Second Wave



Needless to say, doctors, nurses and people working in health-care sectors are particularly vulnerable to the highly infectious disease. In response to the global pandemic, the under-resourced doctors are facing unprecedented challenges. The list of the sleep-deprived heroes includes doctors, nurses, medical cleaners, pathologists, paramedics, ambulance drivers, and health-care administrators. In the fight against coronavirus, the brave medical army stands strong with thermometers, stethoscopes, and ventilators as their weapons. Not to forget, medical researchers are working day in and night out against all odds, hoping to find the antidote to the disease.

Since the coronavirus outbreak, health-care professionals have not only experienced the gratification of healing patients and saving their lives but have also lost many battles along the way. On top of that, many doctors have even sacrificed their own lives in the line of duty.


Every day, the selfless warriors are giving it their all in health-care settings while cutting themselves off from their families and loved ones. The sacrifice that they are making for the safety and welfare of humanity is priceless and deserves lifelong gratitude on our end. Most importantly, we must reassess the value health-care workers hold in our lives and the kind of treatment they get from us. Among the several lessons this coronavirus pandemic has been teaching us, the biggest one is to find ways to sufficiently invest in the better and more efficient medical fraternity and give medical professionals the respect, compensation and infrastructure that they truly deserve once this crisis is over. Moreover, the world needs to work towards advancement in medical research and technology. Nothing will be a greater tribute to the health-care workers than this.

Doctor deaths in Second Wave

06:01 PM
04-09-2021

PROJECT 1

File | C:/Users/Venkatesh%20Tavargeri/Desktop/WEB%20DEVELOPMENT/TIE%20P1/index.html#



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Doctor deaths in Second Wave

LinkedIn Twitter Instagram

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06:01 PM
04-09-2021

Doctor deaths in Second Wave

These are some among **800 doctor deaths** that the Indian Medical Association (IMA) has counted in the second wave of Covid-19 this year. A majority were from Bihar and Delhi, as per the IMA, which has maintained a state-wise registry of doctors who died of Covid-19.

"So far, we have the data of 800 doctors in our registry and initial observations indicate that a majority were yet to be fully vaccinated. Not many had got the first dose of the Covid-19 vaccine," Dr Lele said, adding that they were also looking at data where young doctors had succumbed to Covid-19 and, among primary reasons, could be exposure to high viral load in ICUs or CCUs. He, however, said the analysis was underway.


According to the state-wise list of doctors who died in the IMA Covid registry, 128 medicos were from Delhi, 115 from Bihar and 79 from Uttar Pradesh, who succumbed to the infection. West Bengal reported 62 deaths of doctors followed by 51 in Tamil Nadu, 44 in Rajasthan, 42 in Andhra Pradesh, 39 each in Gujarat and Jharkhand, 37 in Telangana, 36 in Odisha, 24 in Kerala and 23 in Maharashtra. Haryana reported 19 deaths while Assam reported 10. Last year, the toll among this high-risk group was 754. Then, the highest numbers were from Tamil Nadu and West Bengal.

According to Dr Rohan Krishnan, national vice-president of Federation of All India Medical Association (FAIMA), there was no data on how many doctors had died after being administered one dose of the vaccine. "However, according to available information, it is likely that few would have succumbed after both doses of vaccination. There were, however, several doctors who did get infected after the dose but 99 per cent recovered," he said.



"They're treating those who need it most, working endless shifts, making heartbreaking choices, pioneering lifesaving medicine, putting themselves at risk, and doing so much more than we could ever understand."

Doctor deaths in Second Wave



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Doctors and Health Care Workers are facing several challenges during COVID-19 pandemic:

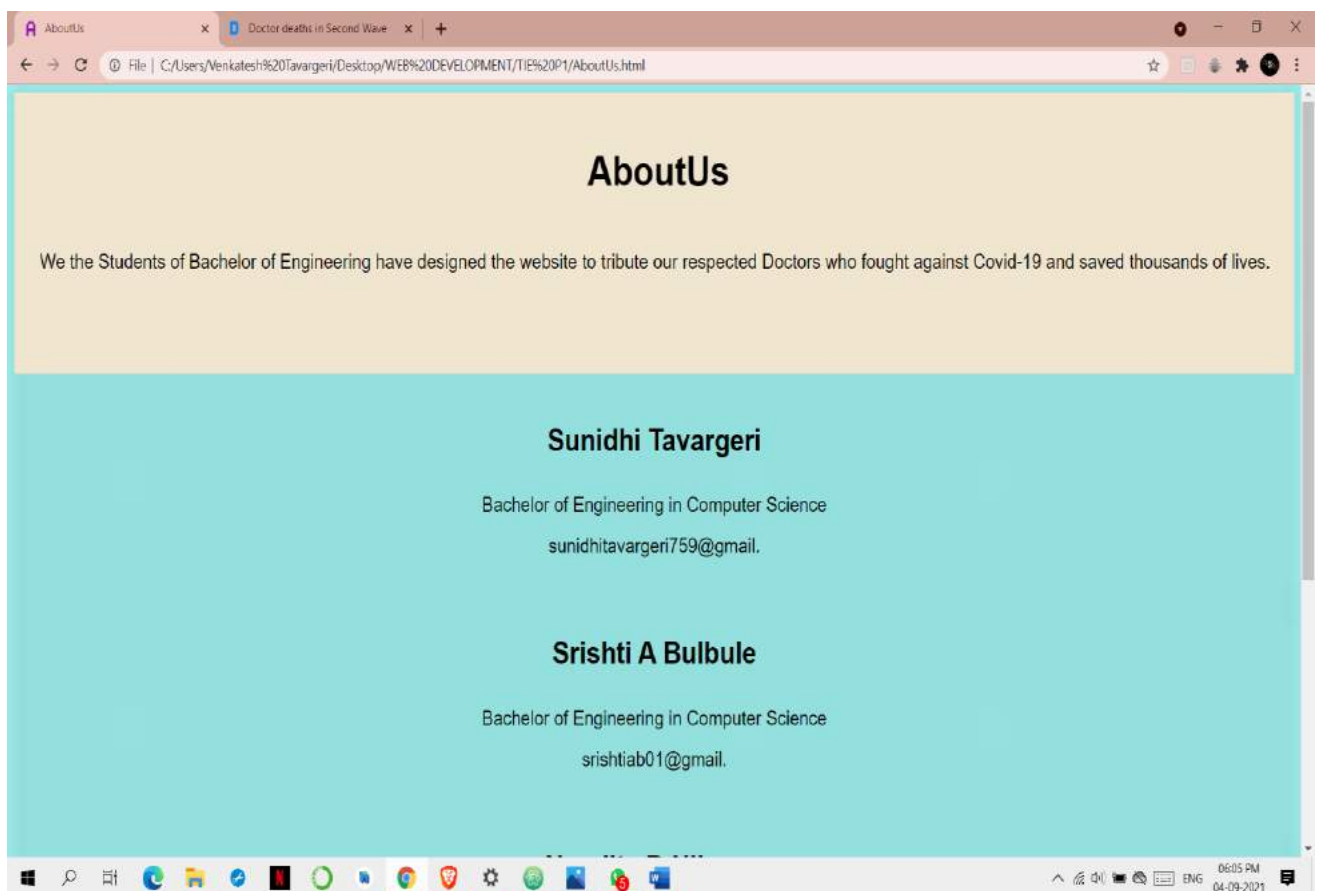
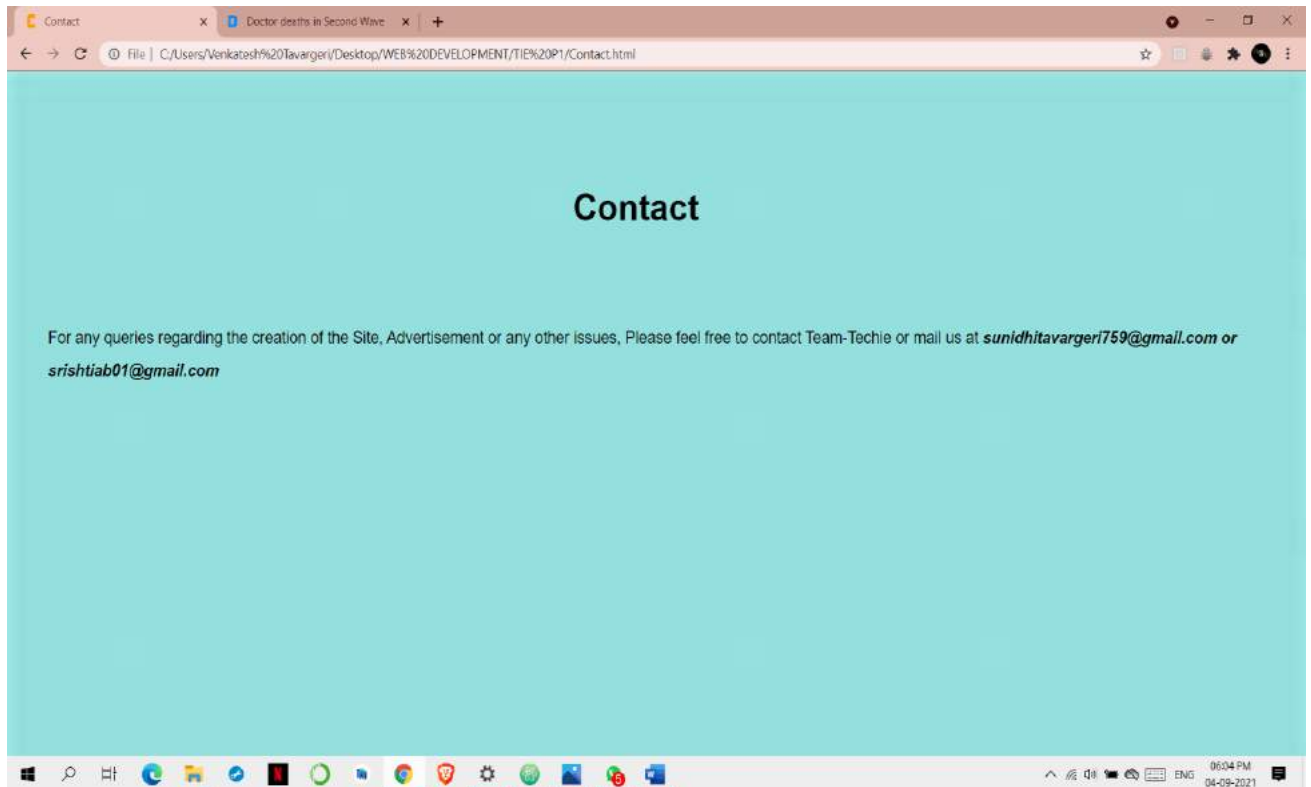
A) Shortages of Personal Protective Equipments: Most health care facilities in India are facing shortages of personal protective equipments (PPE), including face masks, gowns, and respirators. Either the hospitals do not have these available in adequate numbers or they cannot afford to purchase the PPEs. In these extraordinary times, the health care providers must adapt and be flexible so that HCWs continue to safeguard themselves, their colleagues, their families, and their patients in this crisis.

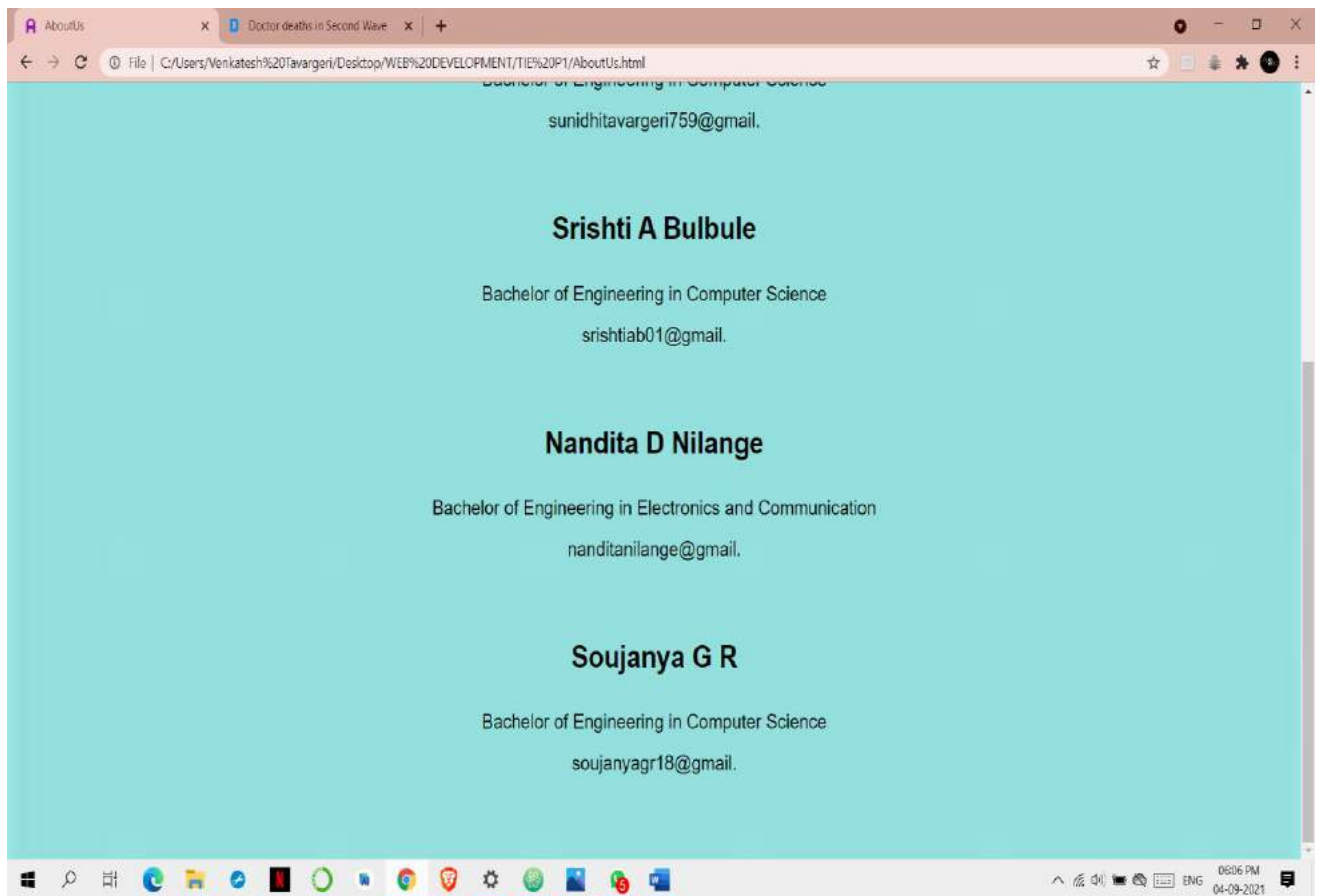
B) Long working hours: It is becoming apparent from the reports from across the world that the long duty hours of the HCW is a major risk factor for them to acquire infection and hence it is mandatory they work in shorter shifts, based on a strict rota.

C) Violence against HCW: It is highly disturbing and demoralizing to see the HCW on duty are facing violence against them from some irresponsible public, within the hospitals and in the community surveillance work. It damages and dampen the work of HCW and may ultimately affect the health care of the public.

D) Increased risk of infection: The reports are coming in from across the world that several HCW are getting infected or dying due to COVID-19. In Spain, HCW have accounted for at least 14% of total COVID-19 cases. The hospitals and isolation centres are getting overloaded, essential medical equipments are scarce and the doctors and nursing staff are stretched thin. The high viral load in hospital settings may make healthcare workers particularly susceptible to the disease.

E) Social and Family impacts: Indeed the Medicine is a humanitarian profession, and the HCW have a duty to care for the sick. By willingly entering into this profession, they have implicitly agreed to accept the risks involved in it. However, they need to balance their obligations as professionals with their duties to their family members too. The risk to personal health from the coronavirus is alarming







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