



西南科技大学
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Responsive Hospital Website Design Using HTML, CSS & Js

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Introduction

It is so hard and time consuming to take medical care from hospital. For solving this problem online medi-care is the best solution. Client can get medi-care easily without any suffer. It is easier to meet with doctor as well. With digital health platforms, patients have quicker access to health services, improving the quality of care provided to them.

Objective of the Project

The objective of this project is to build a hospital website design which will provide online medicare for the patient. There are a bunch of features of this project. The goal of this project to build up a relation between an expert physicians clients over internet.

Features of Website

The main feature of this website are:

1. Responsive header section using flexbox.
2. Responsive home section using css flexbox.
3. Responsive count box section using css grid.
4. Responsive services box section using css grid.
5. Responsive about section using css flexbox.
6. Responsive team card section using css grid.
7. Booking form section using css flexbox.
8. Review card section using css grid.
9. Responsive blogs box section using css grid.
10. Responsive footer section using css grid.

Layout Style

For completion of our project we had used a lot of style for option. For example as a root we had used page color for whole pages, text color, page transition.

In this project the flex display and the inline- block displays were used to position various texts and buttons. There were used background color, different background images and icon for homepage and other pages for more meaningful.

For doing the layout more beautiful font size, color, padding, border were used. We had used media quires for responsive desining as well.

Layout description

This website page layout consist with many section which are given below:

- ✓ Header section
- ✓ Home section
- ✓ Icons section
- ✓ Services section
- ✓ Blogs section
- ✓ About section
- ✓ Doctors section
- ✓ Booking section
- ✓ Review section
- ✓ Footer section

1. Header Section

In heading section a lot of style were used. Padding, position, display flex, background are some style which were used among them.

```
.heading{
  text-align: center;
  padding-bottom: 2rem;
  text-shadow: var(--text-shadow);
  text-transform: uppercase;
  color: var(--black);
  font-size: 5rem;
  letter-spacing: .4rem;
  margin-top: 60px;
}

.heading span{
  text-transform: uppercase;
  color: var(--green);
}
```

Responsive header where used flexbox



[Home](#) [Services](#) [About](#) [Doctors](#) [Book](#) [Review](#) [Blogs](#)

2. Home Section

In home page we had used image and some icon. Also some content are available in the homepage.

```
.home{
  display: flex;
  align-items: center;
  flex-wrap: wrap;
  gap: 1.5rem;
  padding-top: 10rem;
}

.home .image{
  flex: 1 1 45rem;
}

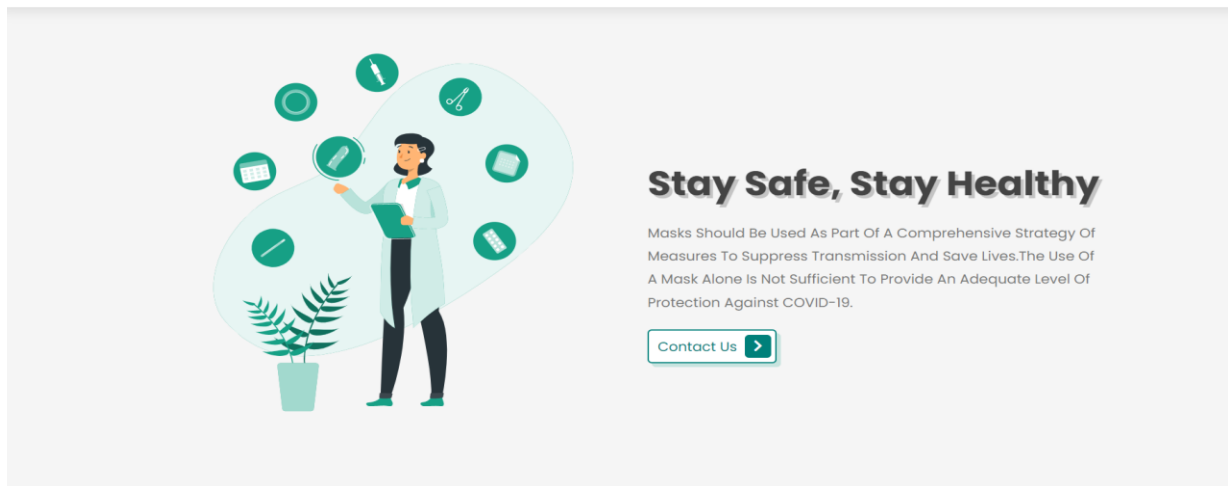
.home .image img{
  width: 100%;
}

.home .content{
  flex: 1 1 45rem;
}

.home .content h3{
  font-size: 4.5rem;
  color: var(--black);
  line-height: 1.8;
  text-shadow: var(--text-shadow);
}

.home .content p{
  font-size: 1.7rem;
  color: var(--light-color);
  line-height: 1.8;
  padding: 1rem 0;
}
```

The output of home section using css flexbox



3. Icon Section

In this section we had used icon container, border, display, box-shadow and many more style. Icon has used for different purpose to do more understabe the website

```
.icons-container{
  display: grid;
  gap:2rem;
  grid-template-columns: repeat(auto-fit, minmax(20rem, 1fr));
  padding-top: 5rem;
  padding-bottom: 5rem;
}

.icons-container .icons{
  border:var(--border);
  box-shadow: var(--box-shadow);
  border-radius: .5rem;
  text-align: center;
  padding: 2.5rem;
}

.icons-container .icons i{
  font-size: 4.5rem;
  color:var(--green);
  padding-bottom: .7rem;
}

.icons-container .icons h3{
  font-size: 4.5rem;
  color:var(--black);
  padding: .5rem 0;
  text-shadow: var(--text-shadow);
}

.icons-container .icons p{
  font-size: 1.7rem;
  color:var(--light-color);
}
```

4. Service Section

Service section contains with border, color, padding, box-shadow and other important style

```
.services .box-container{
  display: grid;
  grid-template-columns: repeat(auto-fit, minmax(27rem, 1fr));
  gap:2rem;
}

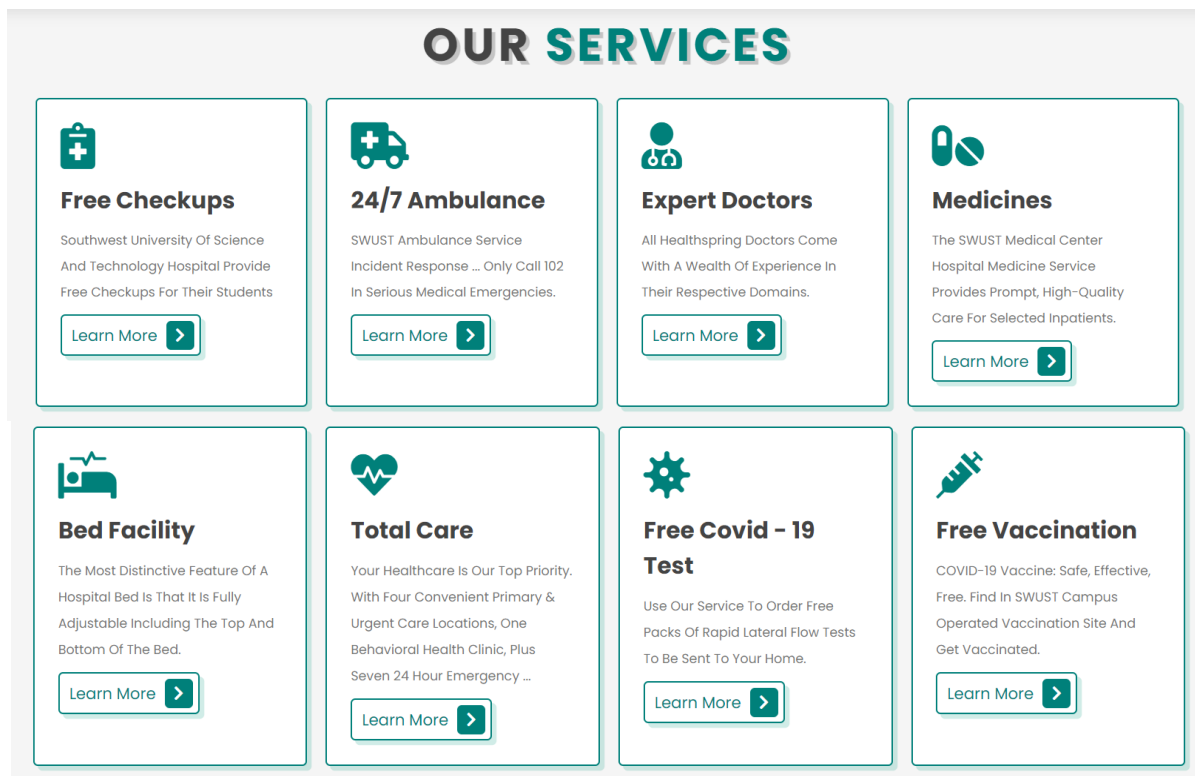
.services .box-container .box{
  background: #fff;
  border-radius: .5rem;
  box-shadow: var(--box-shadow);
  border:var(--border);
  padding: 2.5rem;
}

.services .box-container .box i{
  color: var(--green);
  font-size: 5rem;
  padding-bottom: .5rem;
}

.services .box-container .box h3{
  color: var(--black);
  font-size: 2.5rem;
  padding:1rem 0;
}

.services .box-container .box p{
  color: var(--light-color);
  font-size: 1.4rem;
  line-height: 2;
}
```

The outlier of service section using css grid



5. About Section

In this layout display, color, font, text-shadow and many other style were used.

```
.about .row{
  display: flex;
  align-items: center;
  flex-wrap: wrap;
  gap: 2rem;
}

.about .row .image{
  flex: 1 1 45rem;
}

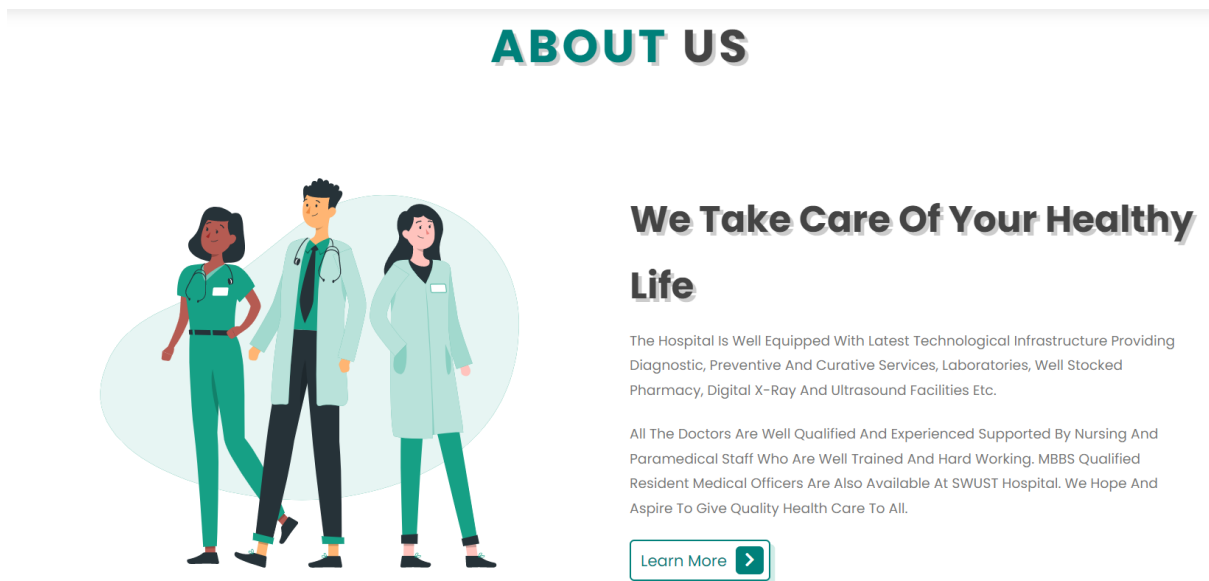
.about .row .image img{
  width: 100%;
}

.about .row .content{
  flex: 1 1 45rem;
}

.about .row .content h3{
  color: var(--black);
  text-shadow: var(--text-shadow);
  font-size: 4rem;
  line-height: 1.8;
}

.about .row .content p{
  color: var(--light-color);
  padding: 1rem 0;
  font-size: 1.5rem;
  line-height: 1.8;
}
```

By using css flexbox about section was made which output is following.



6. Doctor Section

Doctor section had consists with many style among them text-align, margin, line-height, background are some important style.

```
.doctors .box-container{
  display: grid;
  grid-template-columns: repeat(auto-fit, minmax(30rem, 1fr));
  gap: 2rem;
}

.doctors .box-container .box{
  text-align: center;
  background: #ffff;
  border-radius: .5rem;
  border: var(--border);
  box-shadow: var(--box-shadow);
  padding: 2rem;
}

.doctors .box-container .box img{
  height: 20rem;
  border: var(--border);
  border-radius: .5rem;
  margin-top: 1rem;
  margin-bottom: 1rem;
}

.doctors .box-container .box h3{
  color: var(--black);
  font-size: 2.5rem;
}
```

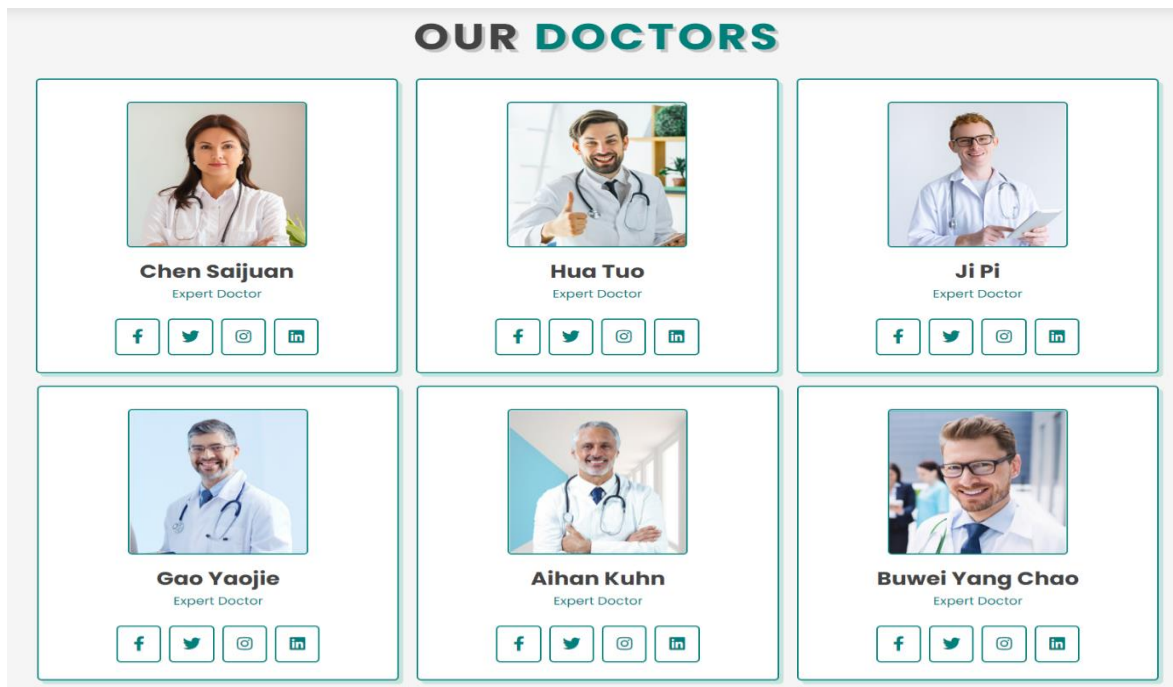
```
.doctors .box-container .box span{
  color: var(--green);
  font-size: 1.5rem;
}

.doctors .box-container .box .share{
  padding-top: 2rem;
}

.doctors .box-container .box .share a{
  height: 5rem;
  width: 5rem;
  line-height: 4.5rem;
  font-size: 2rem;
  color: var(--green);
  border-radius: .5rem;
  border: var(--border);
  margin: .3rem;
}

.doctors .box-container .box .share a:hover{
  background: var(--green);
  color: #ffff;
  box-shadow: var(--box-shadow);
}
```

Doctor section output which consist with css grid



7. Booking Section

This part of the website build with a number of style such as text-tranform, text-align, padding-bottom and many more.

```
.book .row{
  display: flex;
  align-items: center;
  flex-wrap: wrap;
  gap: 2rem;
}

.book .row .image{
  flex: 1 1 45rem;
}

.book .row .image img{
  width: 100%;
}

.book .row form{
  flex: 1 1 45rem;
  background: #fff;
  border: var(--border);
  box-shadow: var(--box-shadow);
  text-align: center;
  padding: 2rem;
  border-radius: .5rem;
}
```


```
.book .row form h3{
  color: var(--black);
  padding-bottom: 1rem;
  font-size: 3rem;
}

.book .row form .box{
  width: 100%;
  margin: .7rem 0;
  border-radius: .5rem;
  border: var(--border);
  font-size: 1.6rem;
  color: var(--black);
  text-transform: none;
  padding: 1rem;
}

.book .row form .btn{
  padding: 1rem 4rem;
}
```


This is the output of book section

BOOK NOW



Book Appointment

8. Review Section

Review section has made with a bunch of layout style which are in the follow images.

```
.review .box-container{
  display: grid;
  grid-template-columns: repeat(auto-fit, minmax(27rem, 1fr));
  gap: 2rem;
}

.review .box-container .box{
  border: var(--border);
  box-shadow: var(--box-shadow);
  border-radius: .5rem;
  padding: 2.5rem;
  background: #fff;
  text-align: center;
  position: relative;
  overflow: hidden;
  z-index: 0;
}

.review .box-container .box img{
  height: 10rem;
  width: 10rem;
  border-radius: 50%;
  object-fit: cover;
  border: .5rem solid #fff;
}

.review .box-container .box h3{
  color: #fff;
  font-size: 2.2rem;
  padding: .5rem 0;
}


.review .box-container .box .stars i{
  color: #fff;
  font-size: 1.5rem;
}

.review .box-container .box .text{
  color: var(--light-color);
  line-height: 1.8;
  font-size: 1.6rem;
  padding-top: 4rem;
}

.review .box-container .box::before{
  content: '';
  position: absolute;
  top: -4rem; left: 50%;
  transform: translateX(-50%);
  background: var(--green);
  border-bottom-left-radius: 50%;
  border-bottom-right-radius: 50%;
  height: 25rem;
  width: 120%;
  z-index: -1;
}
```


This client review section were build with css grid

CLIENT'S REVIEW




CHONCHOL
★★★★☆

Hi,I Recently Went For Eye Check Up At SWUST Hospital. I Am Happy With The Services Of Admin Staff & The Doctors There.They Are Respectful And The Doctor Also Did The Right Dignosis. Another Thing I Appreciate About The



SANISTA
★★★★☆

The Staff Is Very Friendly And Professional. I've Never Had To Wait More Than A Few Minutes When I Arrive On Time For An Appointment.



POLLOB
★★★★☆

It's Rare To Find A Doctor That Combines Such Personal Touches And Care For A Patient As A Person With Outstanding Quality Of Medical Care. I Highly Recommend Becoming Her Patient.

9. Blogs Section

To build the blogs section display, box-radius, justify-content, align-item and many features of style were used.

```
.blogs .box-container{
  display: grid;
  grid-template-columns: repeat(auto-fit, minmax(30rem, 1fr));
  gap: 2rem;
}

.blogs .box-container .box{
  border: var(--border);
  box-shadow: var(--box-shadow);
  border-radius: .5rem;
  padding: 2rem;
}

.blogs .box-container .box .image{
  height: 20rem;
  overflow: hidden;
  border-radius: .5rem;
}

.blogs .box-container .box .image img{
  height: 100%;
  width: 100%;
  object-fit: cover;
}

.blogs .box-container .box: hover .image img{
  transform: scale(1.2);
}

.blogs .box-container .box .content{
  padding-top: 1rem;
}

.blogs .box-container .box .content .icon{
  padding: 1rem 0;
  display: flex;
  align-items: center;
  justify-content: space-between;
}

.blogs .box-container .box .content .icon a{
  font-size: 1.4rem;
  color: var(--light-color);
}

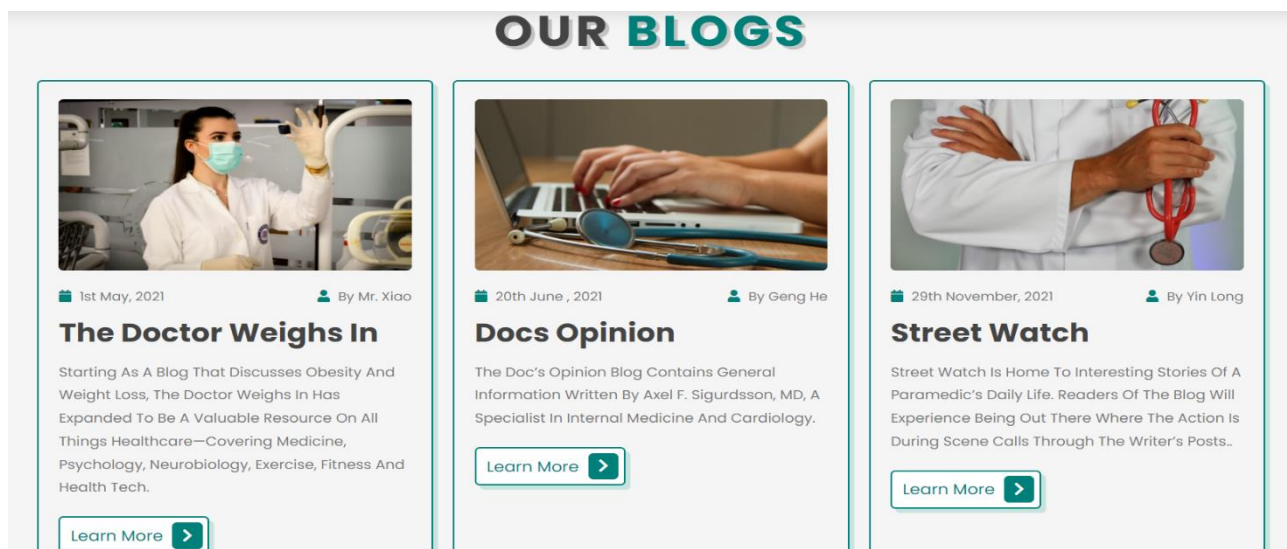
.blogs .box-container .box .content .icon a: hover{
  color: var(--green);
}

.blogs .box-container .box .content .icon a i{
  padding-right: .5rem;
  color: var(--green);
}

.blogs .box-container .box .content h3{
  color: var(--black);
  font-size: 3rem;
}

.blogs .box-container .box .content p{
  color: var(--light-color);
  font-size: 1.5rem;
  line-height: 1.8;
  padding: 1rem 0;
}
```

The output of blog section using css grid



10 Footer Section

This footer section were used display, padding, grid-template-column likely more layout style.

```
.footer .box-container{
  display: grid;
  grid-template-columns: repeat(auto-fit, minmax(22rem, 1fr));
  gap: 2rem;
}

.footer .box-container .box h3{
  font-size: 2.5rem;
  color: var(--black);
  padding: 1rem 0;
}

.footer .box-container .box a{
  display: block;
  font-size: 1.5rem;
  color: var(--light-color);
  padding: 1rem 0;
}

.footer .box-container .box a i{
  padding-right: .5rem;
  color: var(--green);
}

.footer .box-container .box a: hover i{
  padding-right: 2rem;
}

.footer .credit{
  padding: 1rem;
  padding-top: 2rem;
  margin-top: 2rem;
  text-align: center;
  font-size: 2rem;
  color: var(--light-color);
  border-top: .1rem solid #000000;
}

.footer .credit span{
  color: var(--green);
}
```

The final section output of our website which is footer section and this section were uses css grid.

Quick Links

- > Home
- > Services
- > About
- > Doctors
- > Book
- > Review
- > Blogs

Our Services

- > Dental Care
- > Message Therapy
- > Cardioloty
- > Diagnosis
- > Ambulance Service

Contact Info

- +86-122-1445-2536
- +86-152-3333-4568
- Pingann@163.Com
- Yezi@126.Com
- SWUST, Mianyang, Sichuan, China

Follow Us

- Facebook
- Twitter
- Twitter
- Instagram
- Linkedin
- Pinterest

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Media Quiries


```
/* media queries */
@media (max-width:991px){
  html{
    font-size: 55%;
  }
  .header{
    padding: 2rem;
  }
  .section{
    padding: 2rem;
  }
}


@media (max-width:768px){
  #menu-btn{
    display: initial;
  }
  .header .navbar{
    position: absolute;
    top: 115%; right: 2rem;
    border-radius: .5rem;
    box-shadow: var(--box-shadow);
    width: 30rem;
    border: var(--border);
    background: #fff;
    transform: scale(0);
    opacity: 0;
    transform-origin: top right;
    transition: none;
  }
}
```

```
.header .navbar.active{
  transform: scale(1);
  opacity: 1;
  transition: .2s ease-out;
}


.header .navbar a{
  font-size: 2rem;
  display: block;
  margin: 2.5rem;
}



@media (max-width:450px){
  html{
    font-size: 50%;
  }
}
```


SWUST Medicare.




OUR BLOG





 1st May, 2021
  By Mr. Xiao

The Doctor Weighs In

Starting As A Blog That Discusses Obesity And Weight Loss, The Doctor Weighs In Has Expanded To Be A Valuable Resource On All Things Healthcare—Covering Medicine, Psychology, Neurobiology, Exercise, Fitness And Health Tech.


[Learn More](#)




 20th May, 2021

Doc's Opinion

The Doc's Opinion Blog Contains General Information Written By Axel F. Sigurdsson, MD, A Specialist In Internal Medicine And Cardiology.

[Learn More](#)


[Home](#)
[Services](#)
[About](#)
[Doctors](#)
[Book](#)
[Review](#)
[Blogs](#)

```
class MyComponent extends HTMLElement {
  connectedCallback() {
    this.innerHTML = `
      <header class="header">
        <a href="#" class="logo"> <i class="fas fa-heartbeat"></i> SWUST medcare. </a>
      </header>
    `;
  }
}
```

```
class MyFooter extends HTMLElement {
  connectedCallback() {
    this.innerHTML = `<h1>
    <section class="footer">
```

3. We also uses some other program in the Js section for make our websity very meaningful.

```
let menu = document.querySelector('#menu-btn');
let navbar = document.querySelector('.navbar');

menu.onclick = () =>{
  menu.classList.toggle('fa-times');
  navbar.classList.toggle('active');
}

window.onscroll = () =>{
  menu.classList.remove('fa-times');
  navbar.classList.remove('active');
}
```

Conclusion

This website has development for optimizing for hospitals, health systems problems. By online medical sources provide general, easily understandable information about symptoms, treatment options, and common outcomes.