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MARINA FLEET

Marina Fleet

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Supervised by Sir Shabbir

E-Project
Batch Code: PR-201910B2

Certificate of Completion

This is to certify that

Muhammad Ali Khan
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Have successfully designed and developed

Marina Fleet

Supervised by Sir Shabbir

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ACKNOWLEDGMENT

Acknowledgment is not a mere formality but a genuine opportunity to thank all those people, whose active support made this project possible. We are thankful to Almighty Allah with his grace. The project that we are successfully presenting on "Marina Fleet". This project has been developed with the help of **HTML5 / CSS3 / Sass /JS**. I would like to acknowledge all those who have given moral support and helped me to make this project a success. I wish to express my gratitude to **Sir Shabbir Ahmed** for his valued guidance and support for the completion of this project.

And finally, I would like to offer many thanks to all my colleagues for their valuable suggestions and constructive feedback.

Project Analysis

Requirement Analysis

Requirements analysis process is an important stage in the system development. It determines the functions of the whole system integrity and stability. Software Requirements analysis is an ongoing process of understanding and progressive refinement. Through requirements analysis Marina Fleet will be designed as below.

Requirement Gathering

The purpose of this project is to create a website where the client can, with satisfaction, buy yachts, sailing boats, fishing boats.

Hardware / Software Requirement

Hardware

- A minimum computer system that will help you access all the tools in the courses is a Pentium 166 or better.
- 64 Megabytes of RAM or better.

Software

- Notepad/HTML editor
- Dreamweaver
- IE 5.0/ Netscape 6.0

HTML5

Hypertext Markup Language revision 5 (HTML5) is a markup language for the structure and presentation of World Wide Web contents. HTML5 supports the traditional HTML and XHTML style syntax and other new features in its markup, New APIs, XHTML and Error handling.

There are three organizations that are currently in charge of the specification of HTML5:

1. Web Hypertext Application Technology Working Group (WHATWG) created the HTML5 specification and is in charge of the HTML5 development that provides open collaboration of browser vendors and other involved parties.

2. World Wide Web Consortium (W3C) is in charge with delivering the HTML5 specification.

3. Internet Engineering Task Force (IETF) is in charge of the development of HTML5 Web Socket API.

Sass

CSS on its own can be fun, but stylesheets are getting larger, more complex, and harder to maintain. This is where a preprocessor can help. Sass lets you use features that don't exist in CSS yet like variables, nesting, mixins, inheritance and other nifty goodies that make writing CSS fun again.

Once you start tinkering with Sass, it will take your preprocessed Sass file and save it as a normal CSS file that you can use in your website.

CSS3

Cascading Style Sheets Level 3 (CSS3) is an iteration of the CSS standard used in styling and formatting Web pages. CSS3 incorporates the CSS2 standard with some changes.

Improvements
CSS3 makes changes to how some visual elements are implemented and rendered by the browser. However, it is not a single unwieldy specification, unlike CSS2. CSS3 Is separated into separate modules to facilitate development. This means that the specification comes out in chunks, with more stable modules than others. Some would be ready for recommendation, while others would be marked as under development drafts, the most recent of which were published as early as June 1999. Some of the major modules of CSS3 are:

- Box model
- Image values and replaced content
- Text effects
- Selectors
- Backgrounds and borders
- Animations
- User interface (UI)
- Multiple column layout
- 2D/3D transformations

JavaScript

HTML pages are fine for displaying static content, e.g. a simple image or text. However, most pages nowadays are rarely static. Many of today's pages have menus, forms, slideshows and even images that provide user interaction. JavaScript is the language employed by web developers to provide such interaction. Since JavaScript works with HTML pages, a developer needs to know HTML to harness this scripting language's full potential. While there are other languages that can be used for scripting on the Web, in practice it is essentially all JavaScript.

There are two ways to use JavaScript in an HTML file. The first one involves embedding All the JavaScript code in the HTML code, while the second method makes use of a Separate JavaScript file that's called from within a *script* element, i.e. enclosed by *script* tags. JavaScript files are identified by the *.js* extension. Although JavaScript is mostly used to interact with HTML objects, it can also be made to interact with other non-HTML objects such as browser plugins, CSS (Cascading Style Sheets) properties, the current date, or the browser itself. To write JavaScript code, all you need is a basic text editor like Notepad in Windows, Gimp in Linux, or BBEdit. Some text editors, like BBEdit feature syntax highlighting for JavaScript. This will allow you to easily identify elements of JavaScript code. The latest versions of Internet Explorer, Firefox, and Opera all support JavaScript.

Requirement Specification

The website is to be created based on the following requirements.

1. The Home Page should be created making use of Sections with a suitable logo, the header section can be added which will show images yachts and boats
2. The site must contain the links to navigate through any category for the information.
3. Links of fleets can be categorized like (Luxury, Sailing, and Fishing etc.)
4. Specification and Pricing of Yacht/Boat can be added along with the images.
5. Gallery section can be added for viewing different images.
6. Feedback must be allowed to enter by the viewer.
7. Site map, Gallery, about us, Queries link, Contact us link must be added.
8. The complete description must be allowed to get download as pdf or doc file.
9. The advertise section with various facilities provided should be mentioned.

A suitable logo.

Solution

The logo shown above was designed with the help of Photoshop.

Links to navigate.
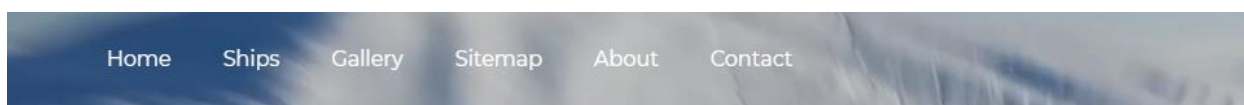
Fig.1
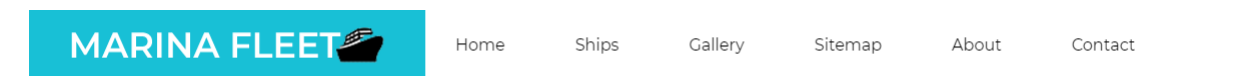
Fig.2

Solution

The home page makes use of two navigation bars while the rest have only the latter one. One is static and fixed in the header section as shown in Fig.1. The second as shown in Fig.2 is dynamic in the sense that it is hidden above the viewport and drops down only when scrolled a certain amount of pixels, but, is fixed in all but the home page.

Categorization
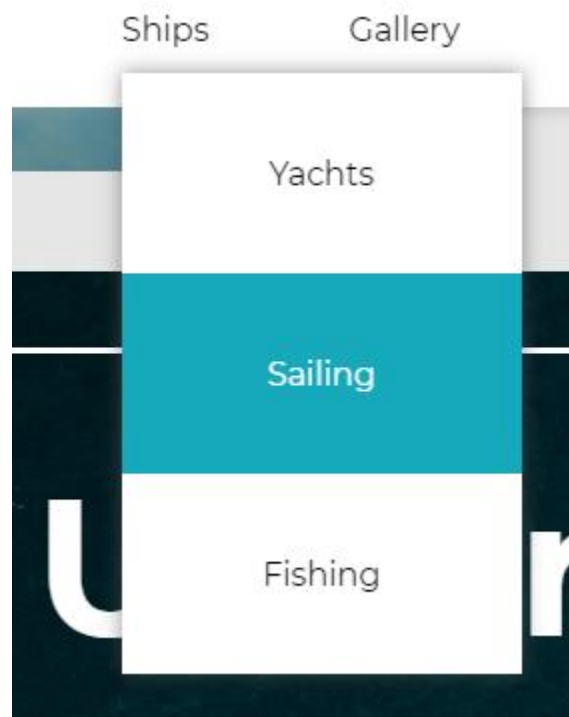
Solution

Categories have been provided for smooth navigation and ease of use and search for our customers, such as yachts, sailing boats and fishing boats.

Specifications

Asking price	Built	Length	cabins / berths
EUR 420,000	**2019, Grimes, Alexandria**	**59.2m (290.6ft)**	**4 / 5**

Solution

Specifications such as price and size etc. of the boat are provided along with the images.

Gallery

End.

Solution

A gallery is provided for viewing images of boats interior and exterior.

Feedback

Give us your feedback
or contact us

First Name

Last Name

Enter your email

Message

Send

Solution

A feedback section is provided for the user to give us his/her valued feedback. The inputs make use of patterns to limit user input so they don't submit the wrong information.

Downloadable descriptions

lagoons and ports. When not sailing, twin 850hp MAN diesel engines give her a t
speed of 14.5 knots and a trans-oceanic range of 4,900nm at 10 knots.

Download as .docx

Morning Glory.docx
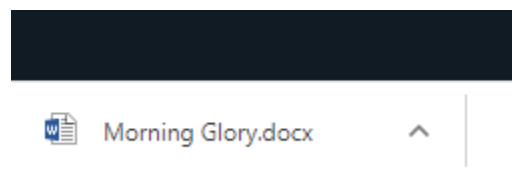
Solution

A link created with an *anchor* tag (<a>) can be downloaded. To make the given *href*
downloadable you have to put the *download* attribute in the *a* tag. E.g.

User guide

Sitemap

Home		
Ships	Yachts	Lethansia
		Morning Glory
		Secret
		Sunrays
		Sycra V
		Valquest
Gallery	Sailing boats	The Bavaria C45
		The Bavaria C50
Sitemap		The Bavaria Cruiser 46 Style
		The Bavaria Easy 9.7
		The Bavaria Vision 42
Contact		The Bavaria Vision 46
	Fishing boats	170CC
		188CC
About		230CC
		280CC
		340CC
		370CC
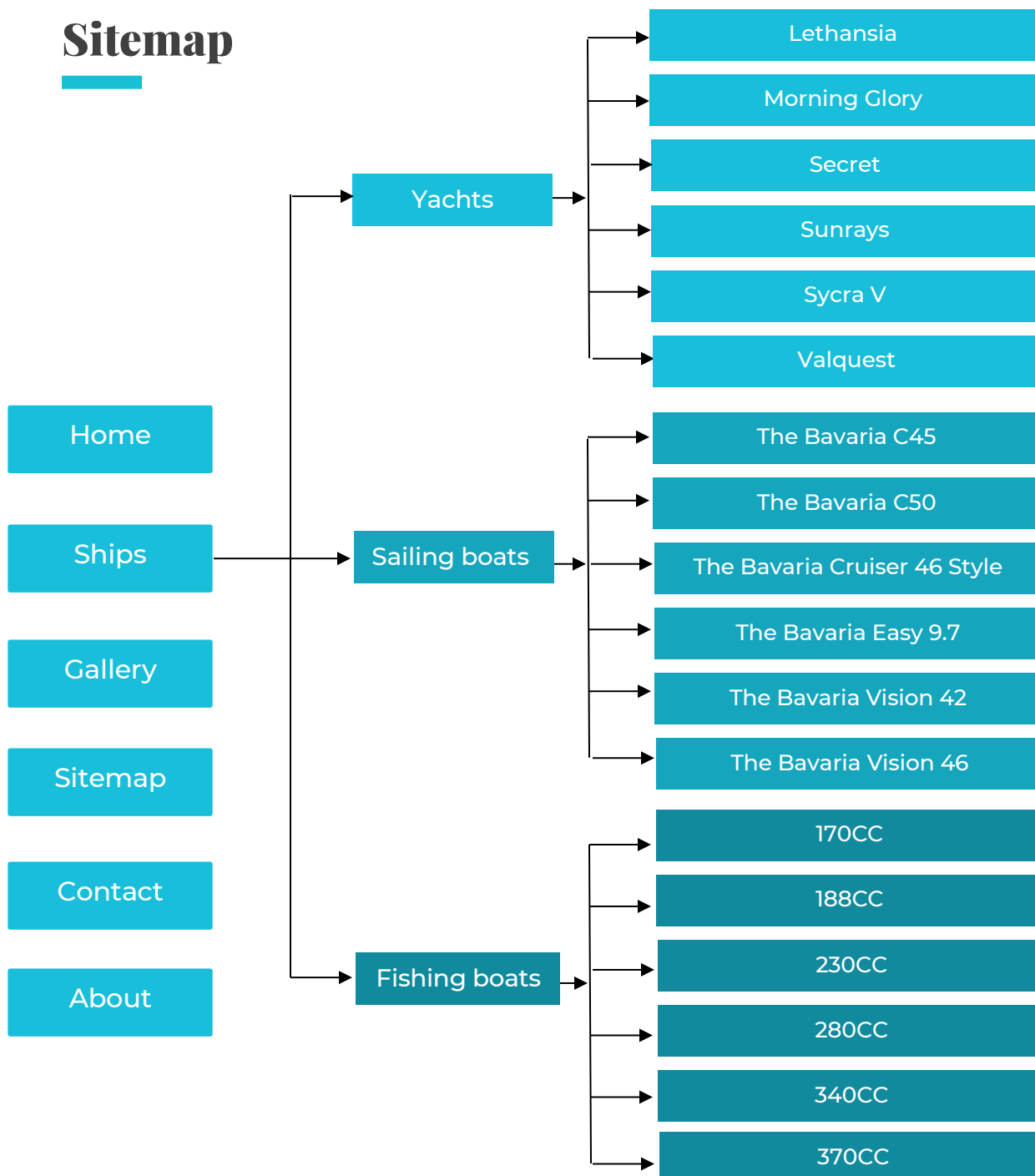
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Developer's guide

Please note that the source code below doesn't account for any last minute changes or minor tweaks made to either the HTML or CSS.

Source Code (HTML)

Taken from index.html

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Home | Marina Fleet</title>
    <link rel="stylesheet" href="./css/main.css">
    <link rel="stylesheet" href="./css/animate.css">
    <script defer src="./js/main.js"></script>

</head>

<body>
    <div id="root">
        <!-- Dynamic Navbar (Hidden until the page is scrolled a certain amount.) -->
        <div class="d-navbar" id="nav">
            <nav>
                <a href="index.html">
                    <div id="logo"><img src="./imgs/logo_marina_fleet.png" ></div>
                </a>
                <div class="nav-links">
                    <ul>
                        <li class="nav-link"><a href="index.html">Home</a></li>
                        <li class="nav-link"><a href="ships.html">Ships</a>
                            <div class="dropdown">
                                <ul>
                                    <li><a href="yachts.html">Yachts</a></li>
                                    <li><a href="sailing-boats.html">Sailing</a></li>
```

```html
                            <li><a href="fishing-boats.html">Fishing</a></li>
                        </ul>
                    </div>
                </li>
                <li class="nav-link"><a href="gallery.html">Gallery</a></li>
                <li class="nav-link"><a href="sitemap.html">Sitemap</a></li>
                <li class="nav-link"><a href="about.html">About</a></li>
                <li class="nav-link"><a href="contact.html">Contact</a></li>
            </ul>
        </div>

    </nav>
</div>

<!-- Header Section -->
<section class="header-sec" id="0">
    <!-- Static Navbar -->
    <nav>
        <div class="nav-links">
            <ul>
                <li class="wow fadeInRight"><a href="index.html">Home</a></li>
                <li class="wow fadeInRight"><a href="ships.html">Ships</a>
                    <div class="dropdown">
                        <ul>
                            <li><a href="yachts.html">Yachts</a></li>
                            <li><a href="sailing-boats.html">Sailing</a></li>
                            <li><a href="fishing-boats.html">Fishing</a></li>
                        </ul>
                    </div>
                </li>
                <li class="wow fadeInRight"><a href="gallery.html">Gallery</a></li>
                <li class="wow fadeInRight"><a href="sitemap.html">Sitemap</a></li>
                <li class="wow fadeInRight"><a href="about.html">About</a></li>
                <li class="wow fadeInRight"><a href="contact.html">Contact</a></li>
            </ul>
        </div>
    </nav>

    <header>
        <video src="./vids/1477677945.mp4" id="vid" autoplay muted loop></video>
        <div class="box wow">
```

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```html
            <h1 class="wow fadeIn" data-wow-delay="1.5s">Marina Fleet</h1>
            <h2 class="wow fadeIn" data-wow-
delay="1.75s">Discover the difference.</h2>
                <div class="down-icon down" onclick="scrollDown(682*1)"><img
                    src="./imgs/icons/icons8-expand-arrow-24.png" >
                </div>
            </div>
        </header>
    </section>


    <!-- About Section -->
    <section class="about wow fadeIn" data-wow-offset="150">
        <div class="container">
            <img src="./imgs/heidi-fin-mHC0qJ7l-ls-unsplash.jpg" >
            <div class="text">
                <h1>Mariana Fleet</h1>
                <h2>Your great escape, with us.</h2>
                <h3><a href="./about.html">Learn more about us</a></h3>
                <div class="down-
btn down" onclick="scrollDown(1280)"><img src="./imgs/icons/icons8-expand-arrow-24.png"
                    ></div>
            </div>
        </div>
    </section>


    <!-- Yachts -->
    <section class="sec wow fadeInRight" data-wow-offset="150" id="1">
        <div class="info-box wow fadeIn" data-wow-offset="150" data-wow-delay="1s">
            <h3>Buy a yacht</h3>
            <h2>Your great escape. <br>
                Tailored by Us.</h2>
            <p>Cruise in inimitable style and experience real <br> freedom. The adventure
of a lifetime awaits
                aboard <br> the
                world's greatest superyachts.</p>

            <a href="./yachts.html">
                <h4>Yachts</h4>
                <div class="more-icon"><img src="./imgs/icons/icons8-more-than-
50.png" width="20" height="20"
                    >
```

```
                </div>
            </a>
            <div class="down-
btn down" onclick="scrollDown(1963)"><img src="./imgs/icons/icons8-expand-arrow-24.png"
                    ></div>
        </div>
        <div class="section-img">
            <img src="./imgs/nikldn-t-6GW8T6Jsc-unsplash.jpg" height="170%" width="100%" >
            <div class="box">
                <h1>Unforgettable.</h1>
            </div>
        </div>
    </section>

    <!-- Sailing Boats -->
    <section class="sec wow fadeInLeft" data-wow-offset="150" id="2">
        <div class="section-img">
            <img src="./imgs/armand-khoury-4qr3dUPTpOc-
unsplash.jpg" height="240%" style="margin-top: -180px;"
                width="100%" >
            <div class="box">
                <h1>Escape.</h1>
            </div>
        </div>
        <div class="info-box wow fadeIn" data-wow-offset="150" data-wow-delay="1s">
            <h3>Buy a sailing boat</h3>
            <h2>Your life. Spent wisely.</h2>
            <p>From the global fleet of sailing boats offered for sale, we <br> hand-
pick the best opportunities and
                share
                our expert <br> knowledge, so that you can make the best decisions.</p>
            <h4>Sailing boats</h4>
            <div class="more-icon"><img src="./imgs/icons/icons8-more-than-
50.png" width="20" height="20" >
            </div>
            <div class="down-
btn down" onclick="scrollDown(2645)"><img src="./imgs/icons/icons8-expand-arrow-24.png"
                    ></div>
        </div>
    </section>
```

```html
<!-- Fishing Boats -->
<section class="sec wow fadeInRight" data-wow-offset="150" id="3">
    <div class="info-box wow fadeIn" data-wow-offset="150" data-wow-delay="1s">
        <h3>Buy a fishing boat</h3>
        <h2>Capturing perfection.</h2>
        <p>Our market-
leading intelligence paired with our unrivalled client database guarantees the smoothest
                <br> of sales. Every time.</p>

        <h4>Fishing boat</h4>
        <div class="more-icon"><img src="./imgs/icons/icons8-more-than-
50.png" width="20" height="20" >
        </div>
        <div class="down-
btn down" onclick="scrollDown((3326))"><img src="./imgs/icons/icons8-expand-arrow-24.png"
            ></div>
    </div>
    <div class="section-img">
        <img src="./imgs/thomas-millot-VdBFg55sVQw-
unsplash.jpg" height="110%" width="100%" >
        <div class="box">
            <h1>Success.</h1>
        </div>
    </div>
</section>

<!-- Feedback -->
<section class="feedback wow fadeIn">
    <div class="form">
        <form action="" id="feedback-form">
            <h1>Give us your feedback</h1> <p><a style="color: gray;" href="contact.ht
ml">or contact us</a></p>
            <tr>
                <td><input type="text" pattern="[a-zA-Z]{3,50}" class="form-
name" placeholder="First Name"
                        required></td>
                <td><input type="text" pattern="[a-zA-Z]{3,50}" class="form-
name" placeholder="Last Name"
                        required></td>
            </tr>
            <tr>
```

```html
                    <td><input type="email" placeholder="Enter your email" required></td>
                </tr>
                <tr>
                    <td><textarea placeholder="Message" required></textarea></td>
                </tr>
                <tr>
                    <td>
                        <input type="submit" onclick="feedback()" value="Send">
                    </td>
                </tr>
            </form>
        </div>
    </section>


    <!-- News Letter -->
    <section class="newsletter wow pulse" data-wow-iteration="2">
        <h1>Sign up to our newsletter</h1>
        <form id="form">
            <input type="email" placeholder="Enter your email address" id="email" required
>
            <input type="submit" value="" id="submit">
        </form>
    </section>



    <!-- Footer -->
    <footer>
        <div id="left">
            <a href="#">Terms of use</a>
            <a href="#">Privacy policy</a>
            <a href="#">Careers</a>
            <a href="#">Sitemap</a>
            <div style="color: rgb(175, 175, 175);">© 2020</div>
        </div>
        <div id="right">
            <a href="https://facebook.com" target="_blank"><img
                    src="./imgs/icons/social-media/icons8-facebook-30.png" ></a>
            <a href="https://instagram.com" target="_blank"><img
                    src="./imgs/icons/social-media/icons8-instagram-30.png" ></a>
            <a href="https://youtube.com" target="_blank"><img
                    src="./imgs/icons/social-media/icons8-play-button-30.png" ></a>
```

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```html
            <a href="https://twitter.com" target="_blank"><img src="./imgs/icons/social-
media/icons8-twitter-30.png"
                        ></a>
        </div>
      </footer>



    </div>
    <script src="./js/main.js"></script>
    <script src="./js/wow.js"></script>
    <script>
        new WOW().init();
    </script>
</body>
</html>
```

Source Code (Sass)

Taken from main.scss

```scss
@import 'variables', 'mixins', 'fonts';

.box{
    border: 3px solid white;
    position: relative;
    height: 80vh;
    width: 90%;
    color: white;
    @include flex-center();
    flex-direction: column;
}

*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    text-decoration: none;
    scroll-behavior: smooth;
}

h1, h2, h3, h4, h5, h6, a, p{
    font-family: 'Montserrat', sans-serif;
}

video{
    position: absolute;
    z-index: -1;
    width: 100%;
}

#root{
    width: 100%;
    height: auto;
}
```

```scss
.d-navbar{
    width: 100%;
    height: 10vh;
    background-color: white;
    position: fixed;
    top: -20vh;
    transition: top .5s;
    z-index: 1000;
    box-shadow: 0 2px 8px $theme-box-shadow;
    #logo{
        height: 10vh;
        width: 396px;
        background-color: $theme-color1;
        float: left;
        @include flex-center;
    }
    nav ul .nav-link{
        margin-left: 30px;
    }
    nav ul li a{
        color: black;
    }
    .menu-icon{
        filter: none;
    }
    .enq-icon{
        img{
        filter:invert(100%);
        }
    }
    .dropdown ul li:hover a{
        color: white;
    }
}


.header-sec{
    position: relative;
    height: 100vh;
    width: 100%;
```

```scss
    overflow: hidden;
    background-image: linear-gradient(rgba(0,0,0,.15),rgba(0,0,0,0));
    video{
        width: 100%;
    }
    .menu-icon{
        height: 20px;
        width: 25px;
        filter: invert(100%);
    }
    header{
        height: 80vh;
        width: 100%;
        .box{
            @extend .box;
            h1{
                text-transform: uppercase;
                font-size: 8em;
                letter-spacing: 10px;
                font-weight: 700;
            }
            h2{
                font-size: 2em;
                position: relative;
                top: 50px;
                letter-spacing: 2px;
            }
            .down-icon{
                position: relative;
                height: 24px;
                width: 24px;
                filter: invert(100%);
                top: 70px;
                animation: updown 1.5s ease-in-out infinite;
            }
            animation: box-expand 1.5s ease-in-out forwards;
        }
    }
}

@keyframes box-expand{
```

```scss
        0%{
            height: 0;
            width: 0;
        }
        15%{
            height: 0;
            width: 0;
        }
        50%{
            height: 100%;
            width: 0;
        }
        100%{
            height: 100%;
            width: 90%;
        }
    }

@keyframes updown{
        0%{
            top: 70px;
        }
        50%{
            top: 80px;
        }
        100%{
            top: 70px;
        }
    }

header{
    @include flex-center();
}

nav
{
    height: 10vh;
    width: 90%;
    margin-left: 5%;
    .nav-links
    {
```

```
    float: left;
    width: 50%;
    height: 100%;
    .menu-icon{
        height: 20px;
        width: 20px;
    }
}
ul
{
    width: 100%;
    height: 100%;
    list-style: none;
    display: flex;
    justify-content: left;
    align-items: center;
    li
    {
        margin-right: 40px;
        padding: 10px 0px;
        cursor: pointer;
        position: relative;
        &::after
        {
            content: '';
            display: block;
            position: relative;
            transform: translateX(-50%);
            height: 2px;
            width: 0;
            left: 50%;
            background-color: white;
            transition: .2s ease-in-out;

        }
        &:hover::after
        {
            width: 100%;
        }
        a
        {
```

```css
        color: white;
        font-weight: 300;
    }
    &:hover .dropdown
    {
        opacity: 1;
        pointer-events: all;
        top: 100%;
        left: 0;
    }
  }
}
```

THANK YOU!