Sure! Here's a detailed explanation of each tag and its purpose in the updated code for the 2-level dropdown menu.

HTML

html

Copy code

<div id="container-nav">

<div class="spacel-column"></div>

<div class="left-column">

<div class="logo">

<a href="#top">

<img loading="lazy" src="https://i.postimg.cc/C5r3cbSD/logo-placeholder-image.png" alt="Your Logo">

</a>

</div>

</div>

<div class="right-column">

<nav>

<ul class="nav-links">

<li class="dropdown">

<a href="#aboutus" class="hover-underline-animation">About Us</a>

<ul class="submenu">

<li><a href="#team">Our Team</a></li>

<li><a href="#history">Our History</a></li>

<li class="dropdown">

<a href="#more">More</a>

<ul class="submenu">

<li><a href="#vision">Vision</a></li>

<li><a href="#mission">Mission</a></li>

</ul>

</li>

</ul>

</li>

<li class="dropdown">

<a href="#services" class="hover-underline-animation">Services</a>

<ul class="submenu">

<li><a href="#consulting">Consulting</a></li>

<li><a href="#development">Development</a></li>

<li><a href="#design">Design</a></li>

</ul>

</li>

<li><a href="#contactus" class="hover-underline-animation">Contact Us</a></li>

</ul>

<ul class="nav-links-responsive">

<li class="dropdown-mobile">

<a href="#aboutus" class="hover-underline-animation">About Us</a>

<ul class="dropdown-content-mobile">

<li><a href="#team">Our Team</a></li>

<li><a href="#history">Our History</a></li>

<li class="dropdown-mobile">

<a href="#more">More</a>

<ul class="dropdown-content-mobile">

<li><a href="#vision">Vision</a></li>

<li><a href="#mission">Mission</a></li>

</ul>

</li>

</ul>

</li>

<li class="dropdown-mobile">

<a href="#services" class="hover-underline-animation">Services</a>

<ul class="dropdown-content-mobile">

<li><a href="#consulting">Consulting</a></li>

<li><a href="#development">Development</a></li>

<li><a href="#design">Design</a></li>

</ul>

</li>

<li><a href="#contactus" class="hover-underline-animation">Contact Us</a></li>

</ul>

<div class="burger">

<div class="line1"></div>

<div class="line2"></div>

<div class="line3"></div>

</div>

</nav>

</div>

<div class="spacer-column"></div>

</div>

<div id="container-nav">: This is the container for the entire navigation bar, including the logo, navigation links, and burger menu.

<div class="spacel-column"></div>: Placeholder for spacing purposes in the grid layout.

<div class="left-column">: Container for the logo.

<div class="logo">: Container for the logo image.

<a href="#top">: Link that wraps the logo image, taking the user to the top of the page when clicked.

<img>: Image tag for the logo with lazy loading.

<div class="right-column">: Container for the navigation links and burger menu.

<nav>: Semantic element for navigation.

<ul class="nav-links">: Unordered list for the primary navigation links (desktop view).

<li class="dropdown">: List item containing a dropdown menu.

<a href="#aboutus" class="hover-underline-animation">About Us</a>: Link for the "About Us" section.

<ul class="submenu">: Submenu list for "About Us".

<li><a href="#team">Our Team</a></li>: Submenu item for "Our Team".

<li><a href="#history">Our History</a></li>: Submenu item for "Our History".

<li class="dropdown">: List item containing another dropdown menu.

<a href="#more">More</a>: Link for "More" submenu.

<ul class="submenu">: Second-level submenu list.

<li><a href="#vision">Vision</a></li>: Submenu item for "Vision".

<li><a href="#mission">Mission</a></li>: Submenu item for "Mission".

<li class="dropdown">: List item containing a dropdown menu for "Services".

<a href="#services" class="hover-underline-animation">Services</a>: Link for the "Services" section.

<ul class="submenu">: Submenu list for "Services".

<li><a href="#consulting">Consulting</a></li>: Submenu item for "Consulting".

<li><a href="#development">Development</a></li>: Submenu item for "Development".

<li><a href="#design">Design</a></li>: Submenu item for "Design".

<li><a href="#contactus" class="hover-underline-animation">Contact Us</a></li>: Link for the "Contact Us" section.

<ul class="nav-links-responsive">: Unordered list for the primary navigation links (mobile view).

<li class="dropdown-mobile">: List item containing a dropdown menu for "About Us" in mobile view.

<a href="#aboutus" class="hover-underline-animation">About Us</a>: Link for the "About Us" section.

<ul class="dropdown-content-mobile">: Submenu list for "About Us" in mobile view.

<li><a href="#team">Our Team</a></li>: Submenu item for "Our Team".

<li><a href="#history">Our History</a></li>: Submenu item for "Our History".

<li class="dropdown-mobile">: List item containing another dropdown menu.

<a href="#more">More</a>: Link for "More" submenu.

<ul class="dropdown-content-mobile">: Second-level submenu list.

<li><a href="#vision">Vision</a></li>: Submenu item for "Vision".

<li><a href="#mission">Mission</a></li>: Submenu item for "Mission".

<li class="dropdown-mobile">: List item containing a dropdown menu for "Services" in mobile view.

<a href="#services" class="hover-underline-animation">Services</a>: Link for the "Services" section.

<ul class="dropdown-content-mobile">: Submenu list for "Services" in mobile view.

<li><a href="#consulting">Consulting</a></li>: Submenu item for "Consulting".

<li><a href="#development">Development</a></li>: Submenu item for "Development".

<li><a href="#design">Design</a></li>: Submenu item for "Design".

<li><a href="#contactus" class="hover-underline-animation">Contact Us</a></li>: Link for the "Contact Us" section.

<div class="burger">: Container for the burger menu icon (for mobile view).

<div class="line1"></div>: Line 1 of the burger icon.

<div class="line2"></div>: Line 2 of the burger icon.

<div class="line3"></div>: Line 3 of the burger icon.

</div>

<div class="spacer-column"></div>

</div>

```

CSS

css

Copy code

.logo img {

max-width: 260px;

height: 75px;

align-items: center;

display: flex;

}

#container-nav {

display: grid;

grid-template-columns: 15% 15% 55% 15%;

grid-gap: 0px;

height: 75px;

font-family: 'Poppins', sans-serif;

position: fixed;

width: 100%;

top: 0;

left: 0;

background-color: #000000D4;

z-index: 9999;

box-shadow: 0px -5px 10px 0px rgba(0, 0, 0, 0.5);

}

.left-column {

display: flex;

align-items: center;

}

.right-column {

display: flex;

justify-content: flex-end;

align-items: center;

}

.nav-links {

display: flex;

justify-content: space-around;

width: 600px;

align-items: center;

}

.nav-links li {

list-style: none;

justify-content: space-around;

position: relative;

align-items: center;

}

.nav-links a {

color: #fff;

text-decoration: none;

letter-spacing: 3px;

font-weight: bold;

font-size: 14px;

}

.nav-links-responsive {

display: flex;

width: 60%;

}

.nav-links-responsive li {

list-style: none;

padding-top: 60px;

position: relative;

}

.nav-links-responsive a {

color: #000;

text-decoration: none;

letter-spacing: 3px;

font-weight: bold;

font-size: 14px;

}

.hover-underline-animation::after {

content: '';

position: absolute;

width: 100%;

transform: scaleX(0);

height: 2px;

bottom: 0;

left: 0;

background-color: #fff;

transform-origin: bottom right;

transition: transform 0.25s ease-out;

}

.hover-underline-animation:hover::after {

transform: scaleX(1);

transform-origin: bottom left;

}

.burger {

display: none;

cursor: pointer;

}

.burger div {

width: 25px;

height: 3px;

background-color: #fff;

margin: 5px;

transition: all 0.3s ease

}

@media screen and (min-width:1100px) {

.nav-links-responsive {

display: none;

}

}

@media screen and (max-width:1100px) {

#container-nav {

grid-template-columns: 5% 25% 65% 5%;

}

.logo img {

max-width: 190px;

height: 75px;

align-items: center;

display: flex;

}

.nav-links {

display: none;

}

.nav-links-responsive {

position: absolute;

right: 0px;

height: 130vh;

top: 75px;

display: flex;

flex-direction: column;

align-items: center;

width: 40%;

transform: translateX(100%);

transition: transform 0.3s ease-in;

background-color: #fff;

}

.nav-links-responsive li {

opacity: 0;

}

.burger {

display: block;

}

.hover-underline-animation::after {

background-color: #000;

}

}

.nav-active {

transform: translateX(0%);

width: 66.67%;

background-color: #fff;

box-shadow: 110px -10px 20px -100px rgba(0, 0, 0, 0.05) inset

}

@keyframes navLinkFade {

from {

opacity: 0;

transform: translateX(50px);

}

to {

opacity: 1;

transform: translateX(0px);

}

}

.toggle .line1 {

transform: rotate(45deg) translate(5.5px, 5.5px);

}

.toggle .line2 {

opacity: 0;

}

.toggle .line3 {

transform: rotate(-45deg) translate(5.5px, -6.5px);

}

.dropdown:hover .submenu,

.dropdown-mobile:hover .dropdown-content-mobile {

display: block;

}

.submenu,

.dropdown-content-mobile {

display: none;

position: absolute;

top: 100%;

left: 0;

background-color: #333;

min-width: 200px;

z-index: 1;

}

.submenu li,

.dropdown-content-mobile li {

position: relative;

}

.submenu a,

.dropdown-content-mobile a {

color: #fff;

padding: 12px 16px;

text-decoration: none;

display: block;

}

.submenu a:hover,

.dropdown-content-mobile a:hover {

background-color: #575757;

}

.logo img: Styles the logo image.

#container-nav: Styles the container for the navigation bar, including grid layout and background color.

.left-column, .right-column: Styles for the left and right columns in the navigation bar.

.nav-links: Styles the desktop navigation links.

.nav-links li: Styles individual list items in the desktop navigation.

.nav-links a: Styles the links in the desktop navigation.

.nav-links-responsive: Styles the responsive (mobile) navigation links.

.nav-links-responsive li: Styles individual list items in the responsive navigation.

.nav-links-responsive a: Styles the links in the responsive navigation.

.hover-underline-animation::after: Adds an underline animation effect on hover.

.burger: Styles the burger menu icon for mobile view.

.burger div: Styles the lines of the burger menu icon.

@media screen and (min-width:1100px): Media query for screens wider than 1100px (desktop view).

@media screen and (max-width:1100px): Media query for screens narrower than 1100px (mobile view).

.nav-active: Styles for the active state of the responsive navigation menu.

@keyframes navLinkFade: Keyframes for the animation of the navigation links in mobile view.

.toggle .line1, .toggle .line2, .toggle .line3: Styles for transforming the burger menu icon when toggled.

.dropdown:hover .submenu, .dropdown-mobile:hover .dropdown-content-mobile: Shows the submenu when the parent item is hovered.

.submenu, .dropdown-content-mobile: Styles for the submenus (both desktop and mobile).

.submenu li, .dropdown-content-mobile li: Styles individual list items in the submenus.

.submenu a, .dropdown-content-mobile a: Styles the links in the submenus.

.submenu a:hover, .dropdown-content-mobile a:hover: Styles the links in the submenus on hover.

JavaScript

javascript

Copy code

const burgers = document.querySelectorAll('.burger');

const navs = document.querySelectorAll('.nav-links-responsive');

function toggleNav(index) {

navs[index].classList.toggle('nav-active');

}

burgers.forEach((burger, index) => {

burger.addEventListener('click', () => toggleNav(index));

});

const navLinks = document.querySelectorAll('.nav-links-responsive li');

navLinks.forEach((link) => {

link.addEventListener('click', (event) => {

const clickedLink = event.currentTarget;

if (!clickedLink.classList.contains('dropdown-mobile')) {

navs.forEach((nav) => nav.classList.remove('nav-active'));

}

});

});

navLinks.forEach((link, index) => {

link.style.animation = `navLinkFade 0.2s ease forwards ${index / 50 + 0}s`;

});

const dropdownMobiles = document.querySelectorAll('.dropdown-mobile');

function toggleDropdownMobile(index) {

dropdownMobiles[index].classList.toggle('active');

}

function closeDropdownMobile(index) {

const dropdownMobile = dropdownMobiles[index];

if (dropdownMobile) {

dropdownMobile.classList.remove('active');

}

}

document.addEventListener('click', (event) => {

dropdownMobiles.forEach((dropdown, index) => {

const isDropdownClick = dropdown.contains(event.target);

if (!isDropdownClick) {

closeDropdownMobile(index);

}

});

});

dropdownMobiles.forEach((dropdown, index) => {

dropdown.addEventListener('click', (event) => {

event.stopPropagation();

toggleDropdownMobile(index);

});

const closeButton = dropdown.querySelector('.close-button button');

if (closeButton) {

closeButton.addEventListener('click', (event) => {

event.stopPropagation();

closeDropdownMobile(index);

});

}

const dropdownLinks = dropdown.querySelectorAll('.dropdown-content-mobile a');

dropdownLinks.forEach((link) => {

link.addEventListener('click', () => {

closeDropdownMobile(index);

});

});

});

const logoImage = document.querySelector('.logo img');

logoImage.addEventListener('contextmenu', function (e) {

e.preventDefault();

});

const burgers = document.querySelectorAll('.burger');: Selects all burger menu elements.

const navs = document.querySelectorAll('.nav-links-responsive');: Selects all responsive navigation elements.

function toggleNav(index): Toggles the visibility of the responsive navigation menu.

burgers.forEach((burger, index) => {...});: Adds a click event listener to each burger menu element to toggle the navigation.

const navLinks = document.querySelectorAll('.nav-links-responsive li');: Selects all list items in the responsive navigation.

navLinks.forEach((link) => {...});: Adds click event listeners to the list items to close the navigation when a link is clicked.

navLinks.forEach((link, index) => {...});: Adds an animation delay to each navigation link.

const dropdownMobiles = document.querySelectorAll('.dropdown-mobile');: Selects all mobile dropdown elements.

function toggleDropdownMobile(index): Toggles the visibility of the mobile dropdown menu.

function closeDropdownMobile(index): Closes the mobile dropdown menu.

document.addEventListener('click', (event) => {...});: Closes dropdown menus when clicking outside of them.

dropdownMobiles.forEach((dropdown, index) => {...});: Adds click event listeners to each mobile dropdown element to toggle and close the dropdown menus.

const logoImage = document.querySelector('.logo img');: Selects the logo image.

logoImage.addEventListener('contextmenu', function (e) {...});: Prevents the context menu from opening on the logo image.

These tags and scripts collectively create a responsive navigation menu with dropdown functionality for both desktop and mobile views, along with interactive animations and behaviors.