**CSS Z-index and Stacking**

This is advance CSS concept.

**Z-index:**

1 front of everything/ index,

-1 behind every index

0 is by-defaul

**Note:**

Z index only works if your elements are positioned like **position: absolute**. If you delete the position property, all the elements become static. **It is necessary to give position to both section in which we have to apply z-index.**

HTML Code:

<div class="red">

Red

</div>

<div class="yellow">

Yellow

</div>

<div class="blue">

Blue

</div>

CSS Code:

div{

height:100px;

width:100px;

border:1px solid;

positioon:absolute;

/\* Remove div position and make red position absilute and explore result \*/

/\* The make yellow position relative and static \*/

}

.red{

background-color:red;

/\* z-index:1; \*/

z-index:-1;

}

.yellow{

background-color:yellow;

left:40px;

top:40px;

}

.blue{

background-color:blue;

left:20px;

top:20px;

z-index:-1;

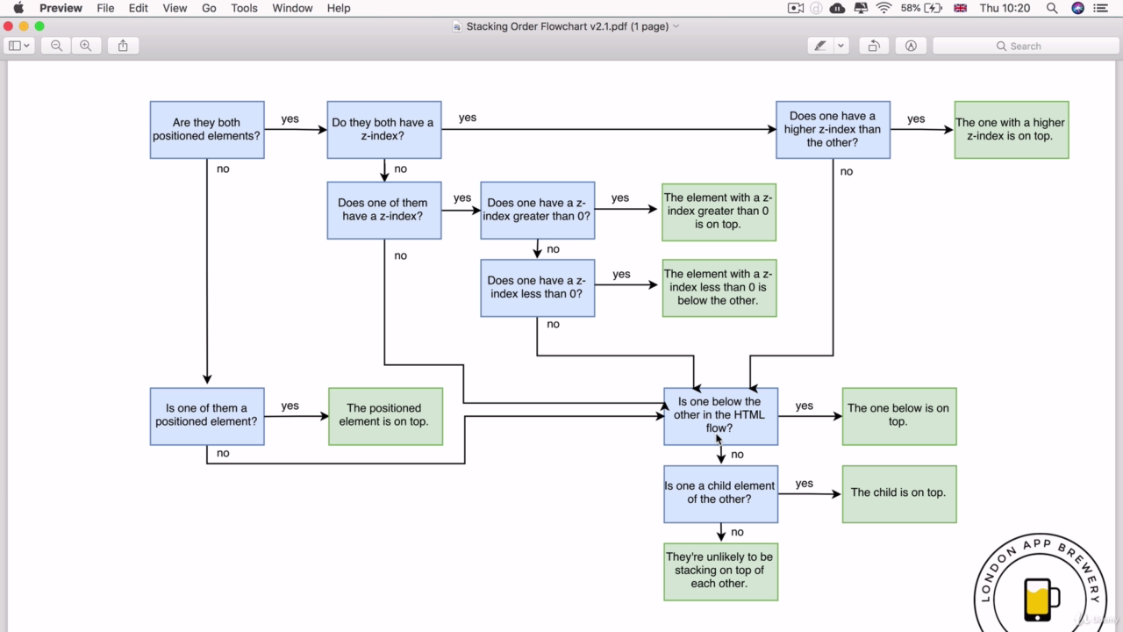
}

Z-index

Several Bootstrap components utilize z-index, the CSS property that helps control layout by providing a third axis to arrange content. We utilize a default z-index scale in Bootstrap that’s been designed to properly layer navigation, tooltips and popovers, modals, and more.

<https://getbootstrap.com/docs/4.0/layout/overview/#z-index>

**Which One is On Top?**



This chart will help you to figure out which element is on top.

**Code:**

**Index8.html:**

<!DOCTYPE html>

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

<head>

<meta charset="utf-8">

<title>TinDog</title>

<!-- Google Fonts -->

<link rel="stylesheet" href="http://fonts.googleapis.com/css?family=Monserrat|Ubuntu">

<!-- Add Bootstrap Here-->

<!-- Stylesheet -->

<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css" integrity="sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm" crossorigin="anonymous">

<link rel="stylesheet" href="css/styles7.css">

<!--Add style sheet-->

<!-- Font Awesome -->

<script defer src="http://use.fontawesome.com/releases/v5.0.7/js/all.js"></script>

<!--Add awsome fonts and icons like button icons-->

<!-- Link JavaScript of Bootstrap -->

<!-- Bootstrap Scripts -->

<script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN" crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/popper.js@1.12.9/dist/umd/popper.min.js" integrity="sha384-ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q" crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/js/bootstrap.min.js" integrity="sha384-JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYl" crossorigin="anonymous"></script>

</head>

<body>

<!-- section 1 -->

<section id="title">

<div class="container-fluid">

<!-- Nav Bar -->

<nav class="navbar navbar-expand-lg navbar-dark ">

<!-- Make transparent Header so remove bg-dark -->

<a class="navbar-brand" href="">tindog</a>

<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarTogglerDemo02" aria-controls="navbarTogglerDemo02" aria-expanded="false" aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse" id="navbarTogglerDemo02">

<ul class="navbar-nav ml-auto">

<li class="nav-item">

<a class="nav-link" href="">Contact</a>

</li>

<li class="nav-item">

<a class="nav-link" href="">Pricing</a>

</li>

<li class="nav-item">

<a class="nav-link" href="">Download</a>

</li>

</ul>

</div>

</nav>

<!-- title -->

<div class="row">

<!--Now take a row and divide it into 2 columns of large 6 units -->

<div class="col-lg-6">

<!-- First column contains heading and buttons -->

<h1>Meet new and interesting dogs nearby.</h1>

<button type="button" class="btn btn-dark btn-lg download-button"><i class="fab fa-apple"></i> Download</button>

<button type="button" class="btn btn-outline-light btn-lg download-button"><i class="fab fa-google-play"></i> Download</button>

</div>

<div class="col-lg-6">

<!-- @nd column contains image -->

<img class="title-image" src="D:\University\Web Notes\Web Development Codes\CSS\TinDog Start Here\images\iphone6.png" alt="iphone-mockup"> <!-- Or simply link is images\iphone6.png -->

</div>

</div>

</div>

</section>

<!-- Next Sectioon starts here section 2 -->

<!-- Features -->

<section id="features">

<div class="row">

<div class="feature-box col-lg-4">

<i class="icon fas fa-check-circle fa-4x"></i> <!-- check circle icon 4x is size -->

<h3>Easy to use.</h3>

<p>So easy to use, even your dog could do it.</p>

</div>

<div class="feature-box col-lg-4">

<i class="icon fas fa-bullseye fa-4x"></i> <!-- bullseye icon -->

<h3>Elite Clientele</h3>

<p>We have all the dogs, the greatest dogs.</p>

</div>

<div class="feature-box col-lg-4">

<i class="icon fas fa-heart fa-4x"></i> <!-- heart icon -->

<h3>Guranteed to work.</h3>

<p>Find the love of your dog's life or your money back</p>

</div>

</div>

</section>

<!-- Next Sectioon starts here section 3 -->

<!-- Testimonials -->

<section id="testimonials">

<div id="testimonial-carousel" class="carousel slide" data-ride="false">

<div class="carousel-inner">

<div class="carousel-item active">

<h2>I no longer have to sniff other dogs for love. I've found the hottest Corgi on TinDog. Woof.</h2>

<img class="testimonial-image" src="images\dog-img.jpg" alt="dog profile">

<em>Pebbles, New York</em>

</div>

<div class="carousel-item">

<h2 class="testimonial-text">My dog used to be so lonely, but with TinDog's help, they've found the love of their life.

I think.</h2>

<img class="testimonial-image" src="images/lady-img.jpg" alt="lady-profile">

<em>Beverly, Illinois</em>

</div>

</div>

<a class="carousel-control-prev" href="#testimonial-carousel" role="button" data-slide="prev">

<span class="carousel-control-prev-icon"></span>

</a>

<a class="carousel-control-next" href="#testimonial-carousel" role="button" data-slide="next">

<span class="carousel-control-next-icon"></span>

</a>

</div>

</section>

<!-- Next Sectioon starts here section 4 -->

<!-- Press -->

<section id="press">

<img class="press-logo" src="images\TechCrunch.png" alt="tc-logo">

<img class="press-logo" src="images\tnw.png" alt="tnw-logo">

<img class="press-logo" src="images\bizinsider.png" alt="biz inseider-logo">

<img class="press-logo" src="images\mashable.png" alt="mashable-logo">

</section>

<!-- Next Sectioon starts here section 5 -->

<!-- Pricing -->

<section id="pricing">

<h2>A Plan for Every Dog's Needs</h2>

<p>Simple and affordable plan for you and your dog.</p>

<!--<div class="card-deck"> This class is used to place cards horizontally -->

<div class="row">

<div class="pricing-column col-lg-4 ">

<div class="card "> <!-- col-md-6 when this site is opened in mobile or tab it will change site cards layout -->

<div class="card-header">

<h3>Chihuahua</h3>

</div>

<div class="card-body">

<h2>Free</h2>

<p>5 Matches Per Day</p>

<p>10 Messages Per DAy</p>

<p>Unlimited App Usage</p>

<button class=" btn-lg btn-block btn-outline-dark" type="button">Sign Up</button>

</div>

</div>

</div>

<div class="pricing-column col-lg-4 ">

<div class="card">

<div class="card-header">

<h3>Labrador</h3>

</div>

<div class="card-body">

<h2>$49 / mo</h2>

<p>Unlimited Matches</p>

<p>Unlimited Messages</p>

<p>Unlimited App Usage</p>

<button class=" btn-lg btn-block btn-dark" type="button">Sign Up</button>

</div>

</div>

</div>

<div class="pricing-column col-lg-4 ">

<div class="card">

<div class="card-header">

<h3>Mastiff</h3>

</div>

<div class="card-body">

<h2>$99 / mo</h2>

<p>Pirority Listing</p>

<p>Unlimited Matches</p>

<p>Unlimited Messages</p>

<p>Unlimited App Usage</p>

<button class=" btn-lg btn-block btn-dark" type="button">Sign Up</button>

</div>

</div>

</div>

<!--</div> -->

</div>

</section>

<!-- Next Sectioon starts here section 6 -->

<!-- Call To Action -->

<section id="cta">

<h3>Find the True Love of Your Dog's Life Today.</h3>

<button type="button">Download</button>

<button type="button">Download</button>

</section>

<!-- Next Sectioon starts here section 7 -->

<!-- Footer -->

<section id="footer">

<p>© Copyright TinDog</p>

</section>

</body>

</html>

**Styles7.css:**

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* TAG SSELECTORS \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

/\* These are global tags because they change the whole body \*/

h1{

font-family: "Montserrat-Black";

font-size: 3.5rem;

line-height: 1.5;

font-weight: bold;

}

h2{

font-family: "Montserrat-Bold";

font-size: 3rem;

line-height: 1.5;

font-weight: bold;

}

h3{

font-family: "Montserrat-Bold";

}

p{

color: #8f8f8f;

}

body{

font-family: "Monserrat";

}

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* CLASS SSELECTORS \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

.container-fluid{

padding: 3% 15% 7%;

}

/\* Navigatioon Bar \*/

.navbar{

padding: 0 0 4.5rem; /\* 0 on top 0 on left and right and 4.5rem on bottom \*/

}

.navbar-brand{

font-family: "Ubuntu"; /\* tindog t style changes \*/

font-size: 2.5rem;

font-weight: bold;

}

.nav-item{

padding: 0 18px;

}

.nav-link{

font-size: 1.2rem;

font-family: "Montserrat-Light";

}

/\* Download Buttons \*/

.download-button{

margin: 5% 3% 5% 0; /\* top=5%, right=3%, bottom=5%, left=0 \*/

}

/\* Title Image \*/

.title-image{

width: 60%;

transform: rotate(25deg); /\* Rotate image to style \*/

right: 30%; /\* or margin-right: 30%; \*/

position: absolute;

/\* z-index: -1; \*/

}

.feature-box{

text-align: center;

padding: 4.5%;

}

.icon{

color: #ef8172;

margin-bottom: 1rem;

}

.icon:hover{

color: #ff4c68;

}

/\* Testimonial Section \*/

.testimonial-image{

width: 10%;

border-radius: 100%;

margin: 20px;

}

/\* Press Section \*/

.press-logo{

width: 15%;

margin: 20px 20px 50px;

}

/\* Carousel Section \*/

.carousel-item{

padding: 7% 50px;

height: 500px;

}

/\* Pricing Section \*/

.pricing-column{

padding: 3% 2%;

}

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* ID SSELECTORS \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

#title{

background-color: #ff4c68;

color:#fff; /\* white = #fff \*/

}

/\* Features Section \*/

#features{

padding: 7% 15%;

background-color: #fff; /\*white\*/

position: relative; /\* This position is to move image z index \*/

/\* z-index: 1; // This part hides some part of image behind features section \*/ /\* Postion is moved as required. See flow chart to learn this. \*/

}

/\* Testimonial Section \*/

#testimonials{

padding: 7% 15%;

text-align: center;

background-color: #ef8172;

color: #fff;

}

/\* Press Section \*/

#press{

background-color: #ef8172;

text-align: center;

padding-bottom: 3%;

}

/\* Pricing Section \*/

#pricing{

padding: 100px;

text-align: center;

}