

CSS Z-index and Stacking

This is advance CSS concept.

Z-index:

1 front of everything/ index,

-1 behind every index

0 is by-default

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;
}

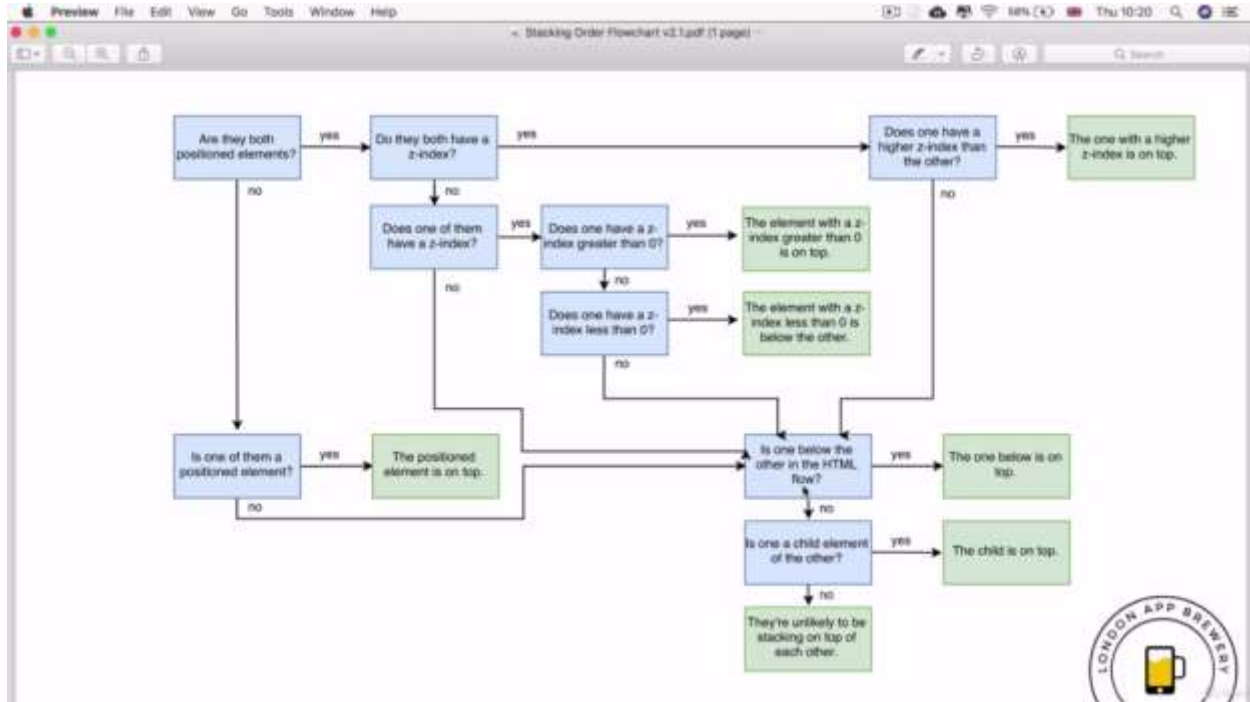
```

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=Montserrat|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 awesome 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+76PVCmYI"
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 -->

     <!-- Or simply link is images\iphone6.png -->

  </div>

</div>

</section>

<!-- Next Section 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>

</section>
```

</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 Section 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>

Pebbles, New York

```
</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>

  <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 Section starts here section 4 -->

<!-- Press -->

<section id="press">

  
```


</section>

<!-- Next Section 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>Priority Listing</p>
      <p>Unlimited Matches</p>
      <p>Unlimited Messages</p>
      <p>Unlimited App Usage</p>

    </div>

  </div>

</div>
```

```
        <button class=" btn-lg btn-block btn-dark" type="button">Sign Up</button>
    </div>
</div>
</div>
<!--</div> -->
</div>
</section>
```

```
<!-- Next Section 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 Section 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: "Montserrat";
}

/****** 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;  
}
```