



Bootstrap 5

Chapter-4

Exploring Bootstrap components



Bootstrap 5 Colors

Bootstrap5 has some contextual classes that can be used to provide “Meaning through colors”.



.text-primary



.text-danger



.text-success



.text-warning



.text-dark



.text-info

.bg-primary	.bg-secondary	.bg-success
.bg-danger	.bg-warning	.bg-info
.bg-light	.bg-dark	.bg-body
.bg-white	.bg-transparent	



Bootstrap Example

```
<p class="text-primary">Primary link</p>  
<p class="text-secondary">Secondary link</p>  
<p class="text-success">Success link</p>  
<p class="text-danger">Danger link</p>  
<p class="text-warning">Warning link</p>
```

Primary link

Secondary link

Success link

Danger link

Warning link



Buttons

Buttons: Bootstrap provides a versatile set of button styles, sizes, and states. You can create primary, secondary, outline, and various other button styles.

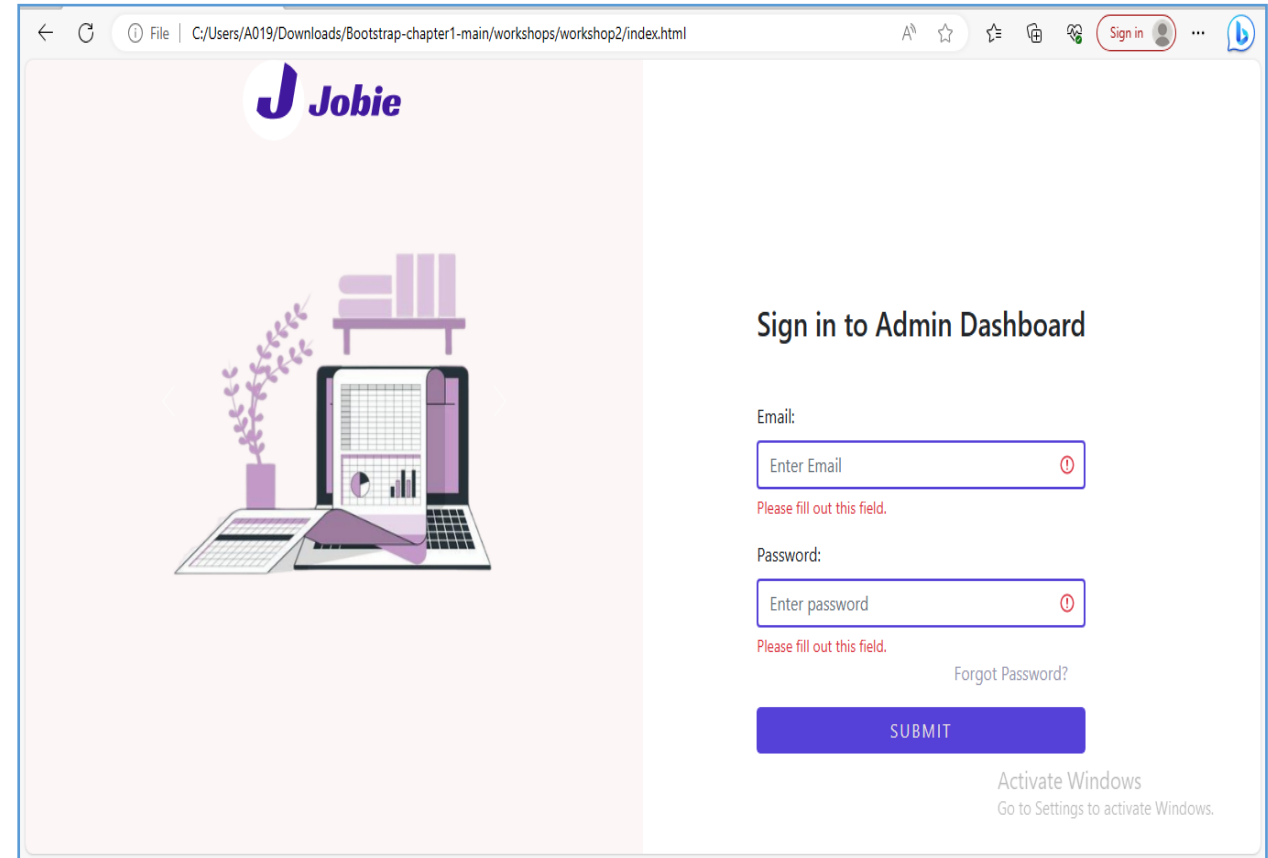


```
<button type="button" class="btn btn-primary">Primary</button>  
<button type="button" class="btn btn-secondary">Secondary</button>  
<button type="button" class="btn btn-success">Success</button>  
<button type="button" class="btn btn-danger">Danger</button>  
<button type="button" class="btn btn-warning">Warning</button>  
<button type="button" class="btn btn-info">Info</button>  
<button type="button" class="btn btn-light">Light</button>  
<button type="button" class="btn btn-dark">Dark</button>  
<button type="button" class="btn btn-link">Link</button>
```



Forms

Forms: Bootstrap offers a collection of form components, including input fields, checkboxes, radio buttons, select dropdowns, and more. You can also utilize form validation and customization options.



The screenshot displays a web browser window with a file path in the address bar: `C:/Users/A019/Downloads/Bootstrap-chapter1-main/workshops/workshop2/index.html`. The page features a logo for 'Jobie' and an illustration of a laptop with a bar chart and a plant. On the right, there is a 'Sign in to Admin Dashboard' form. The form includes an 'Email' field with the placeholder 'Enter Email' and a 'Password' field with the placeholder 'Enter password'. Both fields have red error messages below them: 'Please fill out this field.' A 'SUBMIT' button is located below the password field. A 'Forgot Password?' link is positioned to the right of the password field. At the bottom right, there is a Windows activation notice: 'Activate Windows Go to Settings to activate Windows.'



Navbars

A navigation bar is a navigation header that is placed at the top of the page

With bootstrap, a navigation bar can extend or collapse.

A standard navigation bar is created with the .navbar class, followed by a responsive collapsing class.

```
Ex: <nav class="navbar navbar-expand-sm bg-light">
  <div class="container-fluid">
    <!-- Links -->
    <ul class="navbar-nav">
      <li class="nav-item">
        <a class="nav-link" href="#">Link 1</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">Link 2</a>
      </li>
    </ul>
  </div>
</nav>
```



Navbar Home Features Pricing About



Images

The `.rounded` class adds rounded corners to an image.

The `.rounded-circle` class shapes the image to a circle

`img-thumbnail` class shapes the image to a thumbnail.

Rounded Corners:



Thumbnail:



Circle:



Alerts

Bootstrap provides an easy way to create predefined alert messages.

Alerts are created with the `.alert` class, followed by the contextual classes.

`.alert-success` , `.alert-info` , `.alert-warning` etc.

```
<div class="alert alert-success">  
<strong>Success!</strong>  
This alert box could indicate a  
successful or positive action.  
</div>
```

Success! You should [read this message](#).

Info! You should [read this message](#).

Warning! You should [read this message](#).



Carousel

The carousel is a slideshow for cycling through elements.

It works with a series of images, text, or custom markup.

For performance reasons, carousels must be manually initialized using the carousel constructor method.



Carousel Example

```
Ex:<div id="demo" class="carousel slide" data-bs-ride="carousel">
  <!-- Indicators/dots -->
  <div class="carousel-indicators">
    <button type="button" data-bs-target="#demo" data-bs-slide-to="0" class="active"></button>
    <button type="button" data-bs-target="#demo" data-bs-slide-to="1"></button>
    <button type="button" data-bs-target="#demo" data-bs-slide-to="2"></button>
  </div>

  <!-- The slideshow/carousel -->
  <div class="carousel-inner">
    <div class="carousel-item active">
      
    </div>
    <div class="carousel-item">
      
    </div>
    <div class="carousel-item">
      
    </div>
  </div>

  <!-- Left and right controls/icons -->
  <button class="carousel-control-prev" type="button" data-bs-target="#demo" data-bs-slide="prev">
    <span class="carousel-control-prev-icon"></span>
  </button>
  <button class="carousel-control-next" type="button" data-bs-target="#demo" data-bs-slide="next">
    <span class="carousel-control-next-icon"></span>
  </button>
</div>
```

Class	Description
<code>.carousel</code>	Creates a carousel
<code>.carousel-indicators</code>	Adds indicators for the carousel. These are the little dots at the bottom of each slide (which indicates how many slides there are in the carousel, and which slide the user are currently viewing)
<code>.carousel-inner</code>	Adds slides to the carousel
<code>.carousel-item</code>	Specifies the content of each slide
<code>.carousel-control-prev</code>	Adds a left (previous) button to the carousel, which allows the user to go back between the slides
<code>.carousel-control-next</code>	Adds a right (next) button to the carousel, which allows the user to go forward between the slides
<code>.carousel-control-prev-icon</code>	Used together with <code>.carousel-control-prev</code> to create a "previous" button
<code>.carousel-control-next-icon</code>	Used together with <code>.carousel-control-next</code> to create a "next" button
<code>.slide</code>	Adds a CSS transition and animation effect when sliding from one item to the next. Remove this class if you do not want this effect



Modal

The Modal component is a dialog box/popup window that is displayed on top of the current page.

```
Ex:<button type="button" class="btn btn-primary" data-bs-toggle="modal" data-bs-target="#myModal">
  Open modal
</button>

<!-- The Modal -->
<div class="modal" id="myModal">
  <div class="modal-dialog">
    <div class="modal-content">

      <!-- Modal Header -->
      <div class="modal-header">
        <h4 class="modal-title">Modal Heading</h4>
        <button type="button" class="btn-close" data-bs-dismiss="modal"></button>
      </div>
```



Questions??