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Bootstrap Nav

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Overview

HTML already provides us with the functionality for creating navigation bars. However, Bootstrap provides us a much easier and more intuitive way of creating these.

Basics

Here's the normal HTML navigation bar;

```
<body>
  <nav>

  </nav>
</body>
```

Bootstrap uses class names to assign formatting accordingly. So, declaring a navigation bar with Bootstrap is as easy as naming it:

```
<body>
  <nav class="navbar">
  </nav>
</body>
```

Of course, this navigation bar will be empty, so lets add some elements.

```
<body>
  <nav class="navbar">
    <a href="link/to/page" class="navbar-brand">My Company</a>
    <ul class="navbar-nav">
      <li class="nav-item">
        <a href="link/to/page" class="nav-link">Login</a>
      </li>
      <li class="nav-item">
        <a href="link/to/page" class="nav-link">Home</a>
      </li>
      <li class="nav-item">
        <a href="link/to/page" class="nav-link">Forum</a>
      </li>
    </ul>
  </nav>
</body>
```

As you can see, with the further use of Bootstrap provided classes, we can easily format a navigation bar.

- The `navbar` class lets Bootstrap know that we want to use the provided formatting for the navigation bar instead of the HTML default.
- The `navbar-brand` class formats the element to the top left of the navigation bar, which can contain an image or text. It is used for things like the company logo, or name of the app, etc.

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- The `navbar-nav` class defines the container for the elements of the navigation bar.
- The `nav-item` class defines an individual item of the navigation bar, usually only contains a link to a certain page.

Because all these elements now have class names associated with them, we can now ask Bootstrap to make it look a bit nicer;

```
<body>
  <nav class="navbar">
    <a href="link/to/page" class="navbar-brand">My Company</a>
    <ul class="navbar-nav navbar-light bg-light">  <!--An element can have
multiple classes sperated by spaces-->
      <li class="nav-item">
        <a href="link/to/page" class="nav-link">Login</a>
      </li>
    </ul>
  </nav>
</body>
```

Each Bootstrap theme will have its own take on how the navigation bar looks, You're encouraged to check the specific documentation for your chosen theme to get the provided class names.

Tutorial

There are no tutorials for this module

Exercises

There are no exercises for this module