



Programação Web





Bootstrap 5

Aplicações

BS5 – Tabelas



- Tipos de Tabelas:

- Simples

```
<table class="table">
```

- Às Riscas:

```
<table class="table table-striped">
```

- Bordada:

```
<table class="table table-bordered">
```

- Reativa:

```
<table class="table table-hover">
```

- Escura:

```
<table class="table table-dark">
```

- Sem Bordos:

```
<table class="table table-borderless">
```

- Compacta:

```
<table class="table table-sm">
```

- Estes tipos podem ser combinados, por forma a obter tabelas com maior caracterização.

BS5 – Tabelas



- Tabela Responsiva

```
<div class="table-responsive">  
  <table class="table">
```

- Classes Contextuais

- Permitem associar uma cor à tabela, a uma linha ou uma célula, em função da classificação atribuída à informação dentro das mesmas.

- Exemplos:

- Algo Importante (azul): `<tr class="table-primary">`
- Algo Perigoso (vermelho): `<tr class="table-danger">`
- Algo Bem Sucedido (verde): `<tr class="table-success">`
- ...

BS5 – Menus



- Criação de um simples menu horizontal.

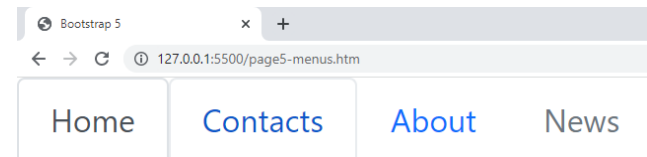
```
<ul class="nav">
  <li class="nav-item">
    <a class="nav-link" href="/">Home</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="/contacts.htm">Contacts</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="/about.htm">About</a>
  </li>
  <li class="nav-item">
    <a class="nav-link disabled" href="/news.htm">News</a>
  </li>
</ul>
```

BS5 – Menus



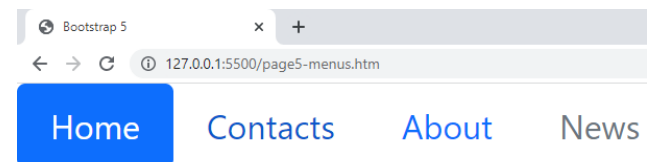
- Menu com abas:

```
<ul class="nav nav-tabs">
  <li class="nav-item">
    <a class="nav-link active" href="/">Home</a>
```



- Menu com botões:

```
<ul class="nav nav-pills">
  <li class="nav-item">
    <a class="nav-link active" href="/">Home</a>
```

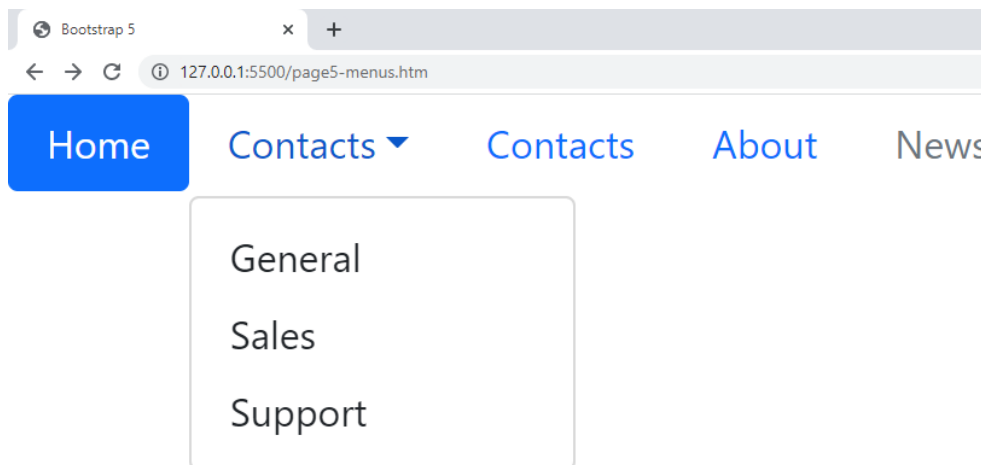


BS5 – Menus



- Menu com botões dropdown:

```
<ul class="nav nav-pills">
  <li class="nav-item">
    <a class="nav-link active" href="/">Home</a>
  </li>
  <li class="nav-item dropdown">
    <a class="nav-link dropdown-toggle" data-bs-toggle="dropdown" href="/contacts.htm">Contacts</a>
    <ul class="dropdown-menu">
      <li><a class="dropdown-item" href="/contacts.htm#general">General</a></li>
      <li><a class="dropdown-item" href="/contacts.htm#sales">Sales</a></li>
      <li><a class="dropdown-item" href="/contacts.htm#support">Support</a></li>
    </ul>
  </li>
</ul>
```

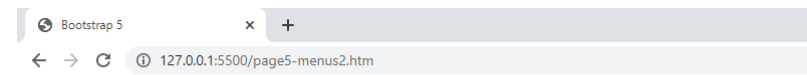


BS5 – Menus com Abas Dinâmicas



```
<ul class="nav nav-tabs" role="tablist">
  <li class="nav-item">
    <a class="nav-link active" data-bs-toggle="tab" href="#name">Name</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" data-bs-toggle="tab" href="#contacts">Contacts</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" data-bs-toggle="tab" href="#about">About</a>
  </li>
  <li class="nav-item">
    <a class="nav-link disabled" data-bs-toggle="tab" href="#news">News</a>
  </li>
</ul>

<!-- Conteúdo das Abas -->
<div class="tab-content">
  <div id="name" class="container tab-pane active"><br>
    <h3>Name</h3>
    <p>PCElectric</p>
  </div>
  <div id="contacts" class="container tab-pane fade"><br>
    <h3>Contacts</h3>
    <p>Email: general@pcelectric.com</p>
  </div>
  <div id="about" class="container tab-pane fade"><br>
    <h3>About</h3>
    <p>PCElectric - a very good enterprise.</p>
  </div>
  <div id="new" class="container tab-pane fade"><br>
    <h3>News</h3>
    <p>None</p>
  </div>
</div>
```



Name Contacts About News

About

PCElectric - a very good enterprise.

BS5 – Barra de Navegação



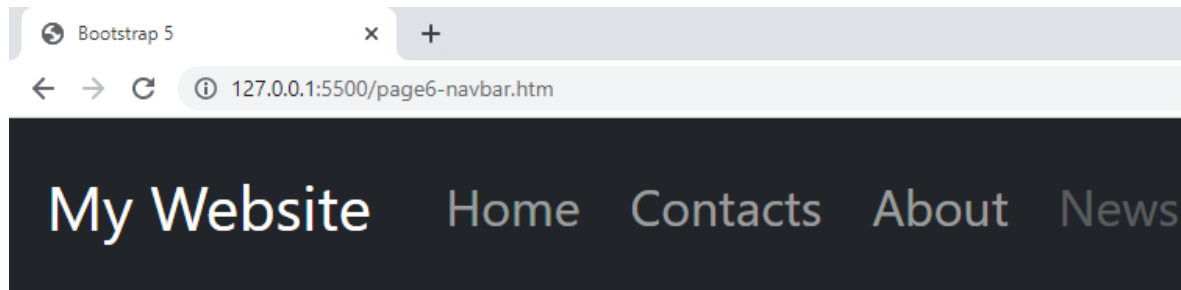
- Uma barra de navegação consiste num menu que é colocado no cabeçalho (topo) da página.

```
<nav class="navbar navbar-expand-sm bg-dark navbar-dark">
  <div class="container-fluid">
    <a class="navbar-brand" href="#home">My Website</a>
    <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#colNavbar">
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="colNavbar">
      <ul class="navbar-nav">
        <li class="nav-item">
          <a class="nav-link" href="#home">Home</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" data-bs-toggle="tab" href="#contacts">Contacts</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" data-bs-toggle="tab" href="#about">About</a>
        </li>
        <li class="nav-item">
          <a class="nav-link disabled" data-bs-toggle="tab" href="#news">News</a>
        </li>
      </ul>
    </div>
  </div>
</nav>
```

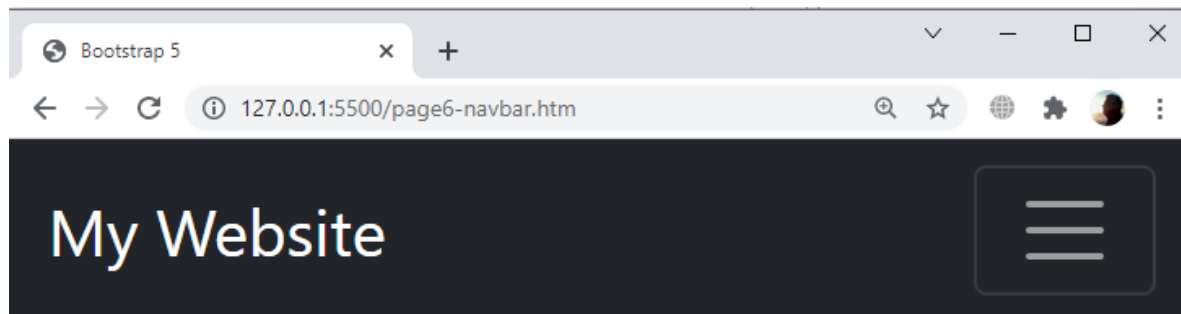
BS5 – Barra de Navegação



- Representação
 - Expandida



- Contraída (Ecrã Reduzido)



BS5 – Carrossel de Imagens



```
<!-- Carrossel -->
<div id="demo" class="carousel slide" data-bs-ride="carousel">

  <!-- Indicadores -->
  <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>

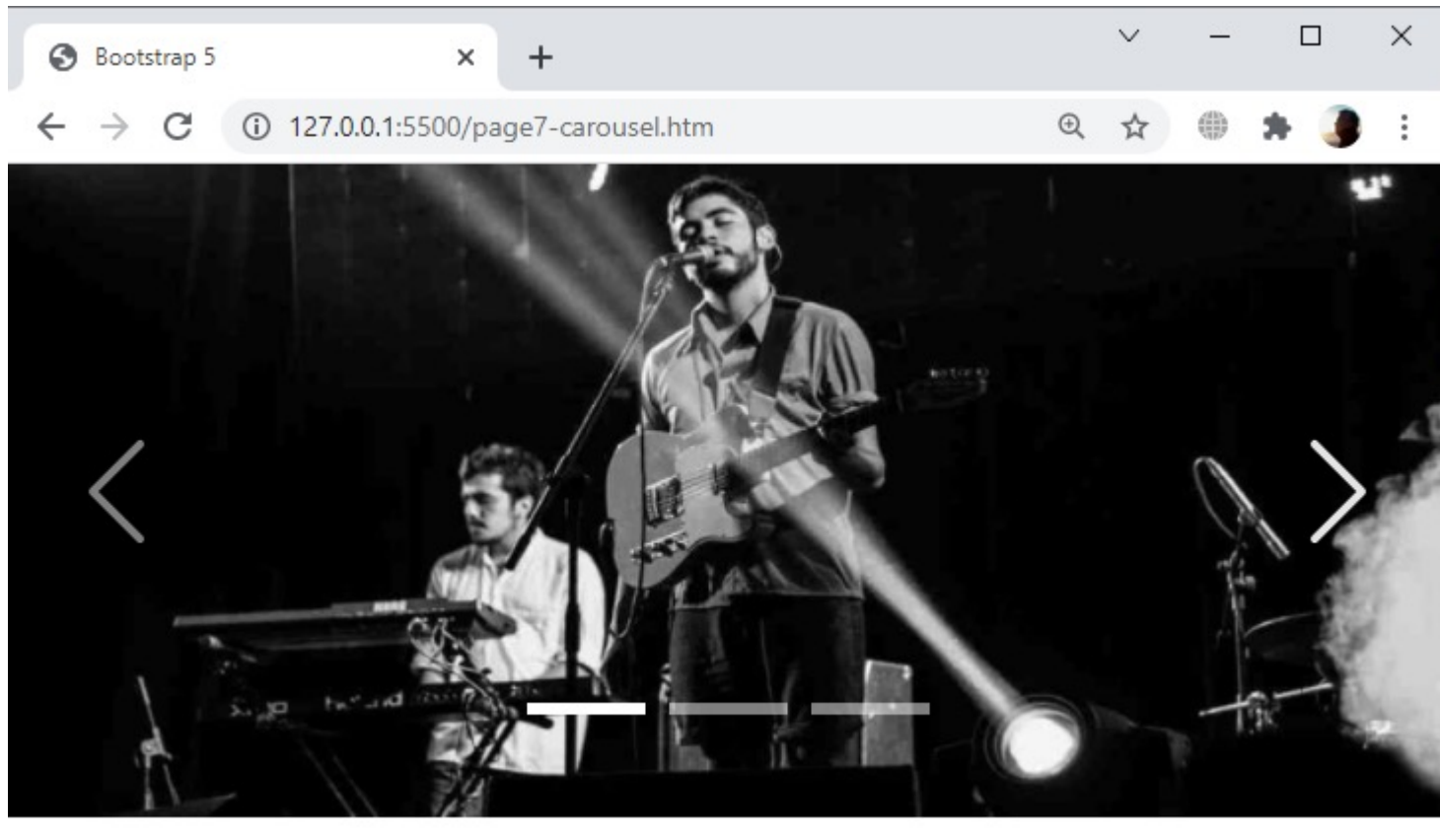
  <!-- Carrossel de imagens -->
  <div class="carousel-inner">
    <div class="carousel-item active" data-bs-interval="1000">
      
    </div>
    <div class="carousel-item" data-bs-interval="2000">
      
    </div>
    <div class="carousel-item" data-bs-interval="1000">
      
    </div>
  </div>

  <!-- Controlos para a Esquerda e para a Direita -->
  <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>
```

BS5 – Carrossel de Imagens



- Resultado:
 - Carrossel de imagens, Indicadores e Controlos



BS5 – Janela Modal



```
<!-- A Janela Modal -->
<div class="modal" id="myModal">
  <div class="modal-dialog">
    <div class="modal-content">

      <!-- Cabeçalho -->
      <div class="modal-header">
        <h4 class="modal-title">Titulo da Modal</h4>
        <button type="button" class="btn-close" data-bs-dismiss="modal"></button>
      </div>

      <!-- Corpo -->
      <div class="modal-body">
        As armas e os barões assinalados,<br />
        Que da ocidental praia Lusitana,
        ...
      </div>

      <!-- Rodapé -->
      <div class="modal-footer">
        <button type="button" class="btn btn-danger" data-bs-dismiss="modal">Close</button>
      </div>

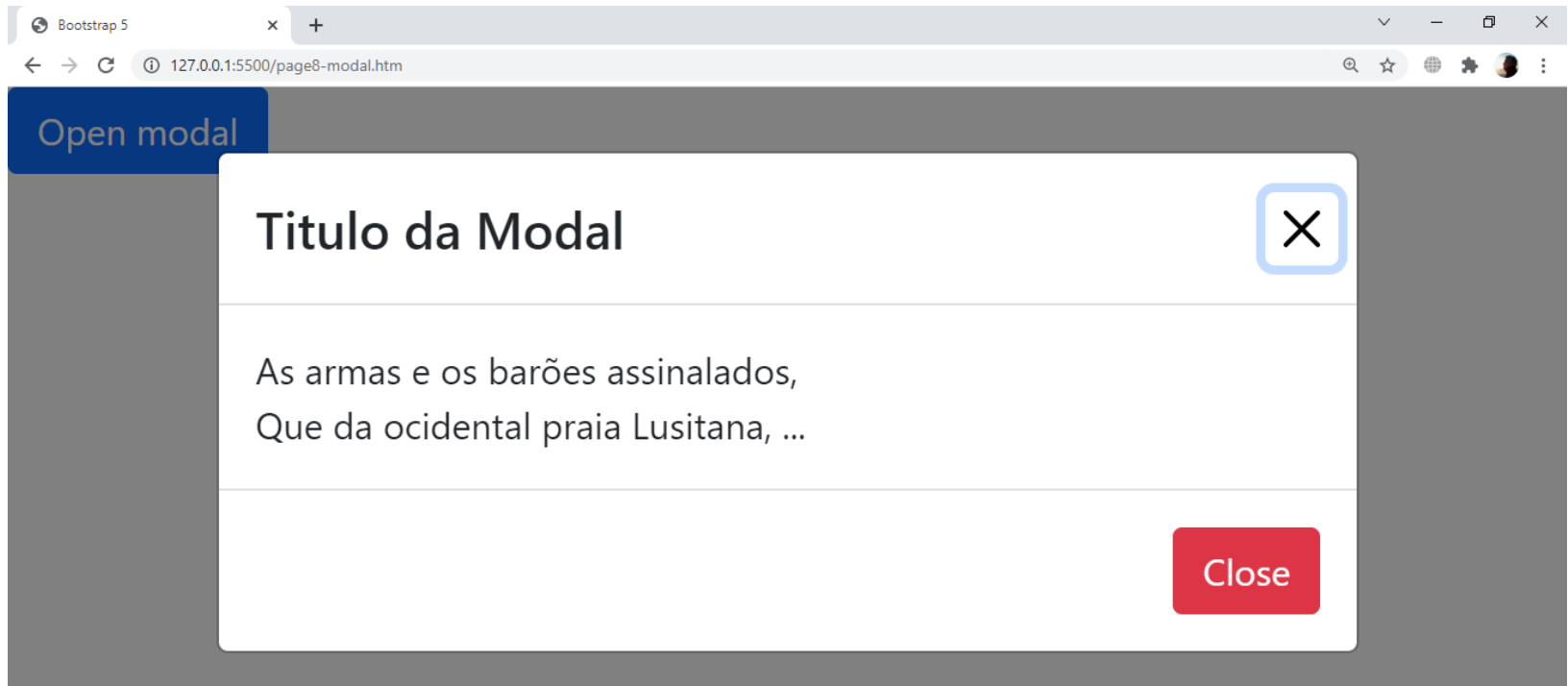
    </div>
  </div>
</div>

<p data-bs-toggle="modal" data-bs-target="#myModal">Open Modal</p>
```

BS5 – Janela Modal



- Resultado:



Bootstrap – Templates



- Temas

- Modelos Gratuitos
- <http://startbootstrap.com/>
- <https://themewagon.com/theme-framework/bootstrap-5/>