

# Exercise (Instructions): Tabs

## Objectives and Outcomes

In this exercise we will explore Bootstrap tabs and tabbed navigation. In particular we will learn about the use of tabs for organizing the content. At the end of this exercise you will be able to:

- Design a web page to use tabbed navigation for organizing the content
- Use tab panes and organize the content into the panes
- Facilitate navigation among the tab panes using the tabbed navigation elements

## Adding Tab Navigation Elements

- Open the *aboutus.html* page and move to the second content row containing the details of the corporate leadership of the restaurant.
- Right after the Corporate Leadership heading, introduce the following code to set up the tabbed navigation:

```
1      <ul class="nav nav-tabs">
2        <li class="nav-item">
3          <a class="nav-link active" href="#peter"
4            role="tab" data-toggle="tab">Peter Pan, CEO</a>
5        </li>
6        <li class="nav-item">
7          <a class="nav-link" href="#danny" role="tab"
8            data-toggle="tab">Danny Witherspoon, CFO</a>
9        </li>
10       <li class="nav-item">
11         <a class="nav-link" href="#agumbe" role="tab"
12           data-toggle="tab">Agumbe Tang, CTO</a>
13       </li>
14       <li class="nav-item">
15         <a class="nav-link" href="#alberto" role="tab"
16           data-toggle="tab">Alberto Somayya, Exec. Chef</a>
17       </li>
18     </ul>
```

Note the use of the `<ul>` tag with the `nav` and `nav-tabs` classes to set up the tab navigation. Each list item within the list acts as the tab element. Within each list item, note that we set up the `<a>` tags with the `href` pointing to the `id` of the tab pane of content to be introduced later. Also note that the `<a>` tag contains the `data-toggle=tab` attribute. The first list element's `<a>` tag contains the class `active`. This tab will be the open tab when we view the web page. We can switch to the other tabs using the tabbed navigation that we just set up.

## Adding Tab Content

- The details about the various corporate leaders should now be organized into various tab panes. To begin this, we will enclose the entire content into a div element with the class `tab-content` as specified below:

```
1      <div class="tab-content">
2
3      ...
4
5      </div>
```

- Then we take the name and description of the CEO of the company and enclose it within a tab-pane as follows

```
1      <div role="tabpanel" class="tab-pane fade show active" id
2      ="peter">
3      <h3>Peter Pan <small>Chief Epicurious Officer</small>
4      </h3>
5      <p> ... </p>
6      </div>
```

Note the use of the `tab-pane`, `fade`, `show`, and `active` classes and with `peter` as the id. This is the same id used as the `href` in the `<a>` link in the navigation.

- The remaining content is also similarly enclosed inside appropriate divs with the correct ids and the classes specified as above. Only the first tab pane will have the `show` and `active` classes specified to indicate that the content should be visible on the web page by default.

## Modifying the tab-content CSS

- We now modify the CSS styles for the `tab-content` class in the `mystyles.css` file as follows:

```
1  .tab-content {
2    border-left: 1px solid #ddd;
3    border-right: 1px solid #ddd;
4    border-bottom: 1px solid #ddd;
5    padding: 10px;
6  }
```

This modification adds a 1px border to the tab content which joins with the upper border introduced by the tab navigation element to give a clean tab like appearance.

- Finally do a Git commit with the message "Tabs".

## Conclusions

In this exercise we learnt the use of tabbed navigation, tab content and tab panes and their use in organizing and navigating within the content in a page.

Mark as completed

