

Exercise (Instructions): Tooltips and Modals

Objectives and Outcomes

In this exercise we will examine how to add tooltips to a web page. In addition we look at adding modals to a web page. At the end of this exercise, you will be able to:

- Add tooltips to a web page
- Add modals that are revealed when the user clicks on a link or a button in the web page.

Adding a Tooltip

- Let us now switch to the *index.html* page. We will now add a tooltip to this page. The tooltip will be added to the "Reserve Table" button that is in the jumbotron. We will update the `<a>` tag for the button as follows:

```
1      <a type="button" class="btn btn-warning btn-sm btn-block"
2      data-toggle="tooltip" data-html="true" title="Or Call us at
      <br><strong>+852 12345678</strong>"
3      data-placement="bottom" href="#reserveform">
```

As you can see from the code, we add a *data-toggle*, *data-placement* and a *title* attribute to the `<a>` tag in order to introduce a tooltip.

- The tooltip needs to be activated by adding a small Javascript code to the bottom of the page as follows:

```
1      <script>
2      $(document).ready(function(){
3      $('[data-toggle="tooltip"]').tooltip();
4      });
5      </script>
```

This script is added right after the line that imports the *bootstrap.min.js* file.

Adding a Modal

- In the next step we introduce the modal to the web page. To set up the modal, add the following code right after the navbar at the top of the page.

```

1      <div id="loginModal" class="modal fade" role="dialog">
2          <div class="modal-dialog modal-lg" role="content">
3              <!-- Modal content-->
4              <div class="modal-content">
5                  <div class="modal-header">
6                      <h4 class="modal-title">Login </h4>
7                      <button type="button" class="close" data-dismiss="modal">&times
                        ;</button>
8                  </div>
9                  <div class="modal-body">
10                     <form class="form-inline">
11                         <div class="form-group">
12                             <label class="sr-only" for="exampleInputEmail3">Email
                                address</label>
13                             <input type="email" class="form-control form-control-sm
                                mr-1" id="exampleInputEmail3" placeholder="Enter
                                email">
14                         </div>
15                         <div class="form-group">
16                             <label class="sr-only" for="exampleInputPassword3"
                                >Password</label>
17                             <input type="password" class="form-control form-control
                                -sm mr-1" id="exampleInputPassword3" placeholder
                                ="Password">
18                         </div>
19                         <div class="form-check">
20                             <label class="form-check-label">
21                                 <input class="form-check-input" type="checkbox">
                                    Remember me
22                             </label>
23                         </div>
24                     </form>
25                 </div>
26                 <div class="modal-footer">
27                     <button type="button" class="btn btn-default btn-sm" data
                        -dismiss="modal">Cancel</button>
28                     <button type="submit" class="btn btn-primary btn-sm">Sign in
                        </button>
29                 </div>
30             </div>
31         </div>
32     </div>

```

- Next we introduce another link on the right side of the navbar in order to trigger the display of the modal. To do this, add the following code in the navbar after the ``:

```

1      <span class="navbar-text">
2          <a data-toggle="modal" data-target="#loginModal">
3              <span class="fa fa-sign-in"></span> Login</a>
4      </span>

```

- In addition, add the `mr-auto` class to the `` in the navbar as follows:

```

1      <ul class="navbar-nav mr-auto">

```

We are introducing another link to the right of the navbar using the `navbar-text` and using the `mr-auto` class to the `` as shown above. This contains a link with an `<a>` tag with the `data-toggle="modal"` and `data-target="#loginModal"` attributes.

Save all the changes and do a Git commit with the message "Tooltip and Modal".

Conclusions

In this exercise we explored tooltips and modals as two ways of revealing content for the user upon clicking on a button or a link.

Mark as completed

