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:

```
<a type="button" class="btn btn-warning btn-block"
 data-toggle="tooltip" title="Or Call us at +852 12345678"
  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:

```
<script>
    $(document).ready(function(){
    $('[data-toggle="tooltip"]').tooltip();
     });
</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. First we introduce the code for the modal and then shift the code for the form from the navbar into the modal body. To set up the modal, add the following code right after the navbar at the top of the page.

```
<div id="loginModal" class="modal fade" role="dialog">
    <div class="modal-dialog">
    <!-- Modal content-->
    <div class="modal-content">
        <div class="modal-header">
            <button type="button" class="close" data-dismiss="modal">&times;</but
ton>
            <h4 class="modal-title">Login </h4>
        </div>
        <div class="modal-body">


          . . .


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

- Next, move the code for the login form from the navbar into the modal body. Then update the form class to *form-inline*. You should already have the code for the form from the previous module.

- Next, introduce another button into the form right after the sign-in button. The new button will enable us to dismiss the modal. The corresponding code is given below:

```
<button type="button" class="btn btn-default btn-sm"
        data-dismiss="modal">Cancel</button>
```

- 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:

```
<ul class="nav navbar-nav navbar-right">
```

```
            <li><a data-toggle="modal" data-target="#loginModal">
            <span class="glyphicon glyphicon-log-in"></span> Login</a>
            </li>
        </ul>
```

We are introducing another link to the right of the navbar using the *<ul>* with the *nav, navbar-nav* and *navbar-right*classes. This contains a list item with an *<a>* tag with the *data-toggle="modal"* and *data-target="#loginModal"*attributes.

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.