### **Forms**

#### **Objectives and Outcomes**

In this exercise, we will examine user input for a website through the use of Forms support in Bootstrap. At the end of this exercise, you will be able to:

* Design a form using various form elements and style the form using Bootstrap form classes

#### **Adding a Basic Form**

* We will add a simple form to the page at the location identified by "Form goes here". Add the following code to page to create a simple horizontal form with two fields:

<form>

<div class="form-group row">

<label for="firstname" class="col-md-2 col-form-label">First Name</label>

<div class="col-md-10">

<input type="text" class="form-control" id="firstname" name="firstname" placeholder="First Name">

</div>

</div>

<div class="form-group row">

<label for="lastname" class="col-md-2 col-form-label">Last Name</label>

<div class="col-md-10">

<input type="text" class="form-control" id="lastname" name="lastname" placeholder="Last Name">

</div>

</div>

</form>

This creates a form with two elements in the form. Note that the class row in the form enables us to use the Bootstrap grid system. Hence we can style the contents using the column classes as appropriate.

* Let us add fields to seek user's telephone number and email:

<div class="form-group row">

<label for="telnum" class="col-12 col-md-2 col-form-label">Contact Tel.</label>

<div class="col-5 col-md-3">

<input type="tel" class="form-control" id="areacode" name="areacode" placeholder="Area code">

</div>

<div class="col-7 col-md-7">

<input type="tel" class="form-control" id="telnum" name="telnum" placeholder="Tel. number">

</div>

</div>

<div class="form-group row">

<label for="emailid" class="col-md-2 col-form-label">Email</label>

<div class="col-md-10">

<input type="email" class="form-control" id="emailid" name="emailid" placeholder="Email">

</div>

</div>

#### **Adding a Checkbox and Select**

* We now see the addition of a checkbox and a select element to the form. Note the styling of these elements using Bootstrap classes:

<div class="form-group row">

<div class="col-md-6 offset-md-2">

<div class="form-check">

<input type="checkbox" class="form-check-input" name="approve" id="approve" value="">

<label class="form-check-label" for="approve">

<strong>May we contact you?</strong>

</label>

</div>

</div>

<div class="col-md-3 offset-md-1">

<select class="form-control">

<option>Tel.</option>

<option>Email</option>

</select>

</div>

</div>

#### **Adding a textarea**

* Next we add a textarea for the users to submit their feedback comments as follows:

<div class="form-group row">

<label for="feedback" class="col-md-2 col-form-label">Your Feedback</label>

<div class="col-md-10">

<textarea class="form-control" id="feedback" name="feedback" rows="12"></textarea>

</div>

</div>

#### **Adding the Submit Button**

* Finally, we add the submit button to the form as follows:

<div class="form-group row">

<div class="offset-md-2 col-md-10">

<button type="submit" class="btn btn-primary">Send Feedback</button>

</div>

</div>

Note the declaration of the type for the button to submit.

* Remember to do a Git commit with the message "Forms"

#### **Conclusions**

We have learnt how to add a form and style the form using Bootstrap form classes.