Forms

Exercise: 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.