Lab 03 HTML Forms and Various Input Elements

Intended Learning Outcome:

1. **Understand the usage and characteristics of different form elements**
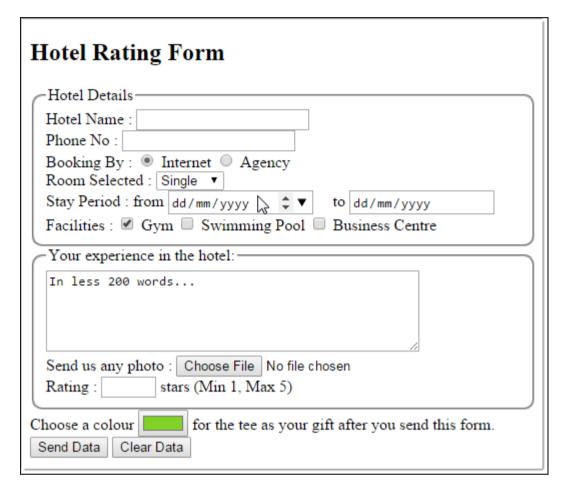2. **Create data collection forms using various HTML form elements**

Resource Required:

1. **A text editor such as Notepad++, Brackets, Atom or Visual Studio Code**
2. **A browser such as Google Chrome or Mozilla Firefox**

Lab 03   Create a form to collect feedback

Lab Exercises

1. [lab03_1.html] Consider the following web form which is used to collect feedback and rating from tourists after they have stayed in any Hong Kong hotel:

Study carefully and complete the following code according to the instructions given in the following tasks (a) to (n) :

```html
<!doctype html>
<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
    <title>Hotel Rating Form</title>
    <style type="text/css">fieldset { border-radius: 10px; }</style>
  </head>
  <body>
    <h2>Hotel Rating Form</h2>
    <form     (a)     >
      <input name="region"     (b)     />
        (c)
        Hotel Name :
        <input type="text" name="hotelname" /><br />
        Phone No :
        <input name="phoneno"     (d)     /><br />
        Booking By :
        <input type="radio"     (e)     />
```

```
        Internet
        <input type="radio"    (e)    />
        Agency <br />
        Room Selected :
        <select name="room">
         (f)
        </select>
        <br />
        Stay Period :  from
        <input    (g)    />    to
        <input    (g)    /><br />
        Facilities :
        <input name="F1"    (h)    />Gym
        <input name="F2"    (h)    />Swimming Pool
        <input name="F3"    (h)    />Business Centre
      (c)
    <fieldset>
        <legend>Your experience in the hotel:</legend>
        <    (i)    name="comment">
        In less 200 words...    (i)   <br />
        Send us any photo : <input    (j)    name="photo" /><br />
        Rating :
        <input    (k)    /> stars (Min 1, Max 5)
    </fieldset>
        Choose a colour
      (l)
        for the tee as your gift after you send this form.<br />
      (m)
      (n)
    </form>
  </body>
</html>
```

(a)   For the <form> element, set the correct attribute values for "method" and "enctype" so
      that the form can submit data securely and allow uploading file.

(b)   Create a hidden element which has a default value set to "Asia" and is named "region".

(c)   For the input fields from *Hotel Name* to *Facilities*, create a fieldset to group them
      logically and set the legend to "Hotel Details". The CSS declaration "border-radius:
      10px;" is provided to help you create rounded corners.

(d)   For the *Phone No* field, restrict the input to a maximum of 8 digits only.

(e)   For the *Booking By* field, set the values to "I" and "A" for the "Internet" and "Agency"
      options respectively. The option "Internet" should be selected by default.

(f)   For the *Room Selected* field, create a dropdown list and set three options :
      • Double (set the value to "D")
      • Twin (set the value to "T")
      • Single (set the value to "S") and this option should be selected by default.
      Which *attribute* you should add if the user is allowed to select more than one option?

(g)   For the *Stay Period* field, restrict the input to a valid date for the "from" value and "to" value. You DON'T need to check if the "to" value is less than "from" value.

(h)   For the *Facilities* field, create checkboxes to show three independent options :
  - Gym (set the value to "G") and this option should be selected by default
  - Swimming Pool (set the value to "S")
  - Business Centre (set the value to "B")

(i)   For the *Your experience in the hotel* fieldset, create a text area to show an input area which is 50 characters wide and 4 rows tall. Show the text "In less 200 words..." as the initial value.

(j)   For the *Send us any photo* field, create file browsing button.

(k)   For the *Rating* field, restrict the input to integer in the range 1 to 5 only. (Hint : use the "min" and "max" attributes)

(l)   For the *Choose a colour* field, show a colour picker to let the users choose a colour value.

(m)   Create a button which can send out the form data. The text "Send Data" should be displayed on this button.

(n)   Create a button which can clear all input data and show the default value for each input field. The text "Clear Data" should be displayed on this button.