

LAB 1

Create an Empty Web Site and add one ASPX page called default.aspx. You're going to simulate an event registration system. The purpose of this lab is to become familiar and accustomed to using some of the common standard controls in ASP.NET.

You should create a registration form containing a TextBox, Calendar Control, RadioButtonList, and two ListBoxes. The RadioButtonList should have the three items listed and the controls should be organized out as shown below.

The screenshot shows a web browser window with the address `http://localhost:1373/WebSite7/Default.aspx`. The form contains the following elements:

- Name:** A text input field.
- Registrations:** A listbox for displaying added registrations.
- Canceled Registrations:** A listbox for displaying canceled registrations.
- Event Date:** A calendar control showing February 2013. The calendar has a header with days of the week (Sun, Mon, Tue, Wed, Thu, Fri, Sat) and a grid of dates. The date 1 is highlighted.
- Cancel Registration:** A button that is disabled.
- Dietary Requirements:** A group box containing three radio buttons:
☐ Gluten Free
☐ Vegetarian
☒ NA
- Add Registration:** A button.

The requirements are:

- If you try to add a registration with a blank name, an alert should appear indicating the Name is required.
- Add a CSS class to the page for which sets the full border of an element with 1 red, 1 pixel thick, solid line. When a registration name is left blank while submitted, apply this CSS class to the textbox showing it's border red. Remove it after successfully entering a name.
- Similarly, if a non-weekend (Monday through Friday) date is selected, an alert should appear indicating a weekend date is required.
- Once a registration is added, it should appear in the registration listbox formatted as Name,Registration Date, Dietary preference. For example: Michael, NA, 1/27/2018
- The Cancel registration button be enabled only when something is selected in the registration box to cancel
- A registration can be canceled, and if so, it should appear in the Canceled Registration list box.
- You should clear the name field only after successfully entering a registration; do not clear
- To test your knowledge of postback, make sure you add each radiobutton option using the C# in the code behind. Using the traditionalist control simplifies this.

- When the page loads, dietary requirements have NA as preselected.
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Things to Check:

- Make sure you can add and cancel two registrations one after another.
- If name is blank and alert appears, the box for the name should also have a red border.
- If box has red border, and name is entered but calendar now has the alert, when submitted the red border and alert for the name should no longer appear.

For a reference on how the application should run, see the video attached to the forum.

Grading:

- I can open project and it compiles with no errors and runs fine, 5pts
- The dietary requirements radio button options are created with code behind C# code, 5pts
- after a registration added, the name text box is cleared and the calendar resets to today's date, 5pts
- Name field cannot be left blank and warning appears, 10pts
- The cancel registration button is disabled if no item is selected for cancelation and enabled if an item is selected for cancelation, 10pts
- Weekend dates are the only acceptable dates, or warning appears, 20pts
- The item in the registration listbox appears exactly as shown in the video (note, the date does not include hours, minutes, & seconds and is just the month, date, year), 20pts
- A registration can be canceled and correctly moves to the canceled listbox, 15pts.
- A CSS class properly colors box border red as described, 5pts
- Formatting and layout appear as shown (this was done in an HTML table with three cells and some basic css to align all the cells to the top)., 5pts