

Code Repository Exercises

Validation

Purpose: The purpose of this exercise is to familiarize you with ASP.NET validation controls. You will see how to implement various types of validation controls, including required field validators, compare validators, and range validators. You will also see how to implement validation groups and validation summary controls for reporting validation errors.

Directory Name: Validation

Instructions:

1. Copy the starting files, *ValidateMe.aspx* and *ValidateMe.aspx.cs*, into the code repository directory created for this exercise.
2. Add validation controls and supporting code to meet the following requirements (html comments in the starting file show where to place validation controls):
 - a. When the user clicks the 'Submit Bug' button, the page should:
 - i. make sure that the user has entered or selected values for the book, edition, bug, number purchased, and date purchased (i.e. these are required fields for this button)
 - ii. make sure that the number purchased is a valid integer that is greater than 0
 - iii. make sure that the date purchased is a valid date between 01/01/2000 and today's date
 - iv. display an asterisk (*) in the table cell to the right of any field that has a validation error
 - v. display any validation error messages in a ValidationSummary control that appears at the bottom of the page
 - b. When the user clicks the 'Login' button, the page should:
 - i. make sure that the user has entered values in the first and second password textboxes (i.e. these are required fields for this button)
 - ii. make sure that the value entered in the second password textbox matches the value entered in the first password textbox
 - iii. display an asterisk (*) in the table cell to the right of any field that has a validation error
 - iv. display any validation error messages in a ValidationSummary control that appears at the bottom of the page (a separate ValidationSummary from the one added earlier)
 - c. When the user selects a value from the "Display Errors" drop-down list, the ValidationSummary controls should be set to display error messages in the selected way (Summary or MessageBox) by setting the values of the *ShowMessageBox* and *ShowSummary* properties of the ValidationSummary controls.

- d. When the user selects a value from the “Display Report” drop-down list, the ValidationSummary controls should be set to display error messages in the selected format (List, BulletList, or Paragraph) by setting the value of the *DisplayMode* property of the ValidationSummary controls.

Header on Default.aspx: Validation

Pages linked from Default.aspx: *ValidateMe.aspx*