

(420-PS4-AB)
Developing ASP .NET
Adding Functionality

Outline

- Delete Operation
- Filtering Data
- Sorting Data

- Exercise Time

Deleting Data Records

Delete Functionality

- Delete is a sensitive operation.
 - Deleted information are lost unless you have backup.
- Always confirm with the user if the delete operation is required.
 - User may have clicked on delete by mistake.

Demo: Delete Customer

- Add a “Delete” view for Customer
 - Display the details of the customer
 - Ask the use to confirm delete of account.
 - Delete account.
- Create two “Delete” actions
 - First action will direct the user to the confirmation delete view. (GET)
 - Upon confirmation in the delete view, the second delete action will actually delete from the context then the database. (POST)

Demo: Customer Index View

- Modify the Customer Index to display each table row to include the following:
 - Customer Name (with link to customer details)
 - Membership Type
 - Update Link
 - Delete Link (will go to Delete action)

Filtering / Sorting Data

Interactive Web UI

- Web application require interactive UI that allow users to
 - Filter displayed data
 - Search based on specified criteria.
 - Sort displayed data
 - Ascending & descending.

Demo: Customer Controller

- Create search functionality to our Customer Index View.
 - Add "searchString" variable to the parameter list.
 - Use forms
- Make the table header sortable.
 - Redirect to same action.
 - Remember HTTP is stateless, so we need to save the current "search string" & "sort" before posting back to the user.
 - Hint: Save data using "ViewBag"

Exercise Time

Exercise: Media Controller

- Add search functionality to our Media Index view.
 - Make you current table header sortable.
 - Add Delete functionality.
 - Add links to update, delete and details.
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- **Challenge:** Add Paging to the table.