

INFO 451 Advanced E-Business Technologies Assignment 1

*** Installing and configuring the development environment ***

Part 1: Install and configure development environment

- Download and install Microsoft Visual Studio Enterprise 2015
 - This will install .NET Framework 4.0 or higher

Part 2: Create a new empty website with Visual Studio

- Create a new empty website named `your_last_name`.
- Add an ASP.NET folder named `App_Data`
 - Within the `App_Data` folder create a new SQL Server Database called `your_last_name.mdf`.
 - Create a new table with three fields (of datatype nvarchar, int, and double). Use your creativity (but meaningful) for the table and field names.
 - Enter five records to the table.
- Add an ASP.NET folder named `App_Code`
 - Within the `App_Code` folder create a C# class called `your_first_name.cs`
 - The class should have:
 - Two properties of type private int.
 - Get/Set method for the properties.
 - A method that returns the sum of the values assigned to the properties.
- Add an aspx page called `your_last_name.aspx` that provides the following functionality:
 - Two textboxes that allow the users to enter numbers (up to four)
 - These values will be assigned to the private int properties in `your_last_name.cs`.
 - A button that when clicked updates a label on the page with the sum of values entered in the textboxes.

Part 3: XML Binding and Display

- Copy an XML file (the textbook has many examples)
- Create a page called `myXML.aspx`.
 - Add an XMLDataSource control that points to the XML file.
 - Add a Menu or TreeView that binds to the XMLDataSource control.

Deliverables:

- Add a 'Documents' folder to your solution.
 - Add to it a pdf file that has screen shots:
 - Of browser displaying the functionality from part 2 and 3 (including extended Menu or TreeView of the XML)
 - Of database, tables and column definitions.
 - All work complies with BASICS from 'Course Documents'.
 - Zipped copy of solution submitted through Blackboard.