CIS 3342 Project 1 – Student Feedback Form

The goal of this assignment is to give you some experience creating a web application that includes a simple HTML page with a form that will be processed by an ASPX server-side page.

Requirements:

1. Create a simple HTML page and design the user interface (HTML input form)
   1. Add simple HTML form controls (HFCs) for the user to enter their information name and student ID.
   2. Add an HTML form control drop-down box (select/option list) to display a list of courses and allow the user to choose the course to provide feedback on.
   3. Add HTML form controls (radio button groups) that allows the user to choose between strongly agree, agree, neutral, disagree, and strongly disagree for all the questions.  
      \*\*\* Provide at least 12 questions related the course and professor.
2. Server-side processing
   1. The ASPX page only needs to contain a simple ASPX label or labels (WFC) to display the necessary output to the user.
   2. Retrieve the values for all form controls using the Request object.
   3. Display the results for each question.
   4. Calculate and display a grade for the course and the professor.
      1. You should assign values to the ratings (strongly agree, agree, neutral, etc …) and the questions that are related to the course. Then, use these values to calculate an average, assign the average a grade letter, and display the grade letter.
      2. Do the same for the ratings and questions related to the professor.

1. Good Design:
   1. Make your presentation clear to the user, providing on-screen instructions wherever needed both for data entry and output.
   2. You need to use a proper naming convention for all controls and in your code. I expect you to properly name your classes, variables, methods, etc…
   3. **You must use component-based software design. This means writing as much code in classes and functions of classes instead of in the GUI.**
2. Hint: you will need the HTML Form tag to be setup properly for this to work. The method and action attributes are the most important. The **method attribute** indicates the type of HTTP Request and how the form’s data will be sent. The POST method sends the form’s data in the body of the HTTP Request and the GET method sends the form’s data in the URL of the HTTP Request. The **action attribute** indicates the page that will process the form.  
     
   <FORM id=”frmStudentFeedback” method=”post” action=”SomePage.aspx” >

**Submission:**You need to publish your web application project to the cis-iis2 web server, upload your code to Blackboard, and provide the URL to your web application’s start page (Home Page / Table of Contents Page). Make sure a current version of your solution is located in your G:\cis3342 folder. Projects that are not submitted properly will not be graded.   
  
The grade for the required elements will be based on the published version of your web application. This means the elements must work from the published web application, not just the solution submitted through Blackboard. It’s important to make sure your published web application is the current version and that everything works. You shouldn’t publish to the Project folder after the project has been submitted. Otherwise, it will be considered late or may not be accepted if it’s after the deadline. If you make changes to your project, you will need to republish and resubmit the project. Generally, you shouldn’t publish or make changes until after you receive a grade.   
  
You need to zip the root folder for your solution into a single zip file and submit the assignment in Blackboard. To submit the assignment, you need to click the Assignment’s Title “**Project 1**” to view the submission form and upload the file.

**Make sure you properly submit your assignment and that it works. Programs that don’t run or don’t contain all the necessary files will not be graded and marked late.**

Please be sure to save your work periodically as you proceed and also back it up. You may want to store it on your flash drive. If you are going to zip an application in order to store it, BE SURE TO FIRST CLOSE Visual Studio. If you do store information on your flash drive be sure to copy it to a hard drive on your computer before working with the project.