LAB #2 – ASP.NET

Due Date: **Tuesday** **Oct 24 2016** **by 23:59**.

References: Read the course’s text and notes. This material provides the necessary information you need to complete the exercises.

Instructions: Be sure to read the following general instructions carefully:

* This lab should be completed individually by all the students.
* You could be asked to demonstrate your solution in a class. Upload the code to your studentweb account.
* Each day that the assignment is overdue less then 2 days will be mark out of 80%.

Part 1:

You are creating a web site that will allow its users to track their home recipes. In this assignment you are to decide on the general design of your web site.

Your web site should include for this assignment and at minimum satisfy the following requirements:

1. In the home page, give an introduction to the website. Explain how the users can keep track of their family recipes and search for recipes, how they can make their recipes public or private. **(1 mark)**
2. Create the form and the Web Server controls for Add Recipe Form. The web form should contain at minimum the following fields: **(3 marks)**

* Recipe Name (Label and TextBox)
* Submitted By (Label and TextBox)
* Category (Dropdown List)
* Cooking Time (Label and TextBox)
* Portions (Label and TextBox)
* Cuisine (Dropdown list)
* Mark as Private (CheckBox)
* Recipe Description (Label and Multiline TextBox)
* Submit Button (Label and Button)

You are free to add any other controls or use other web server controls for the controls listed here if you think they suit your design of the website better.

1. Create web server controls for the search form. User should be able to search by Name of Recipe, Submitted By in his private recipes or public recipes. You can add any other search conditions that you like. **(3 marks). Please note the Search functionality and the Add functionality does not have to be implemented yet. You are just populating the web controls at this stage. Functionality will be added in later assignments.**
2. Create a visitor counter using Application state on the home page and display the number of visitors to the website. **(2 marks)**
3. Create a user control where appropriate (for repeated controls such as Label and TextBox combination). You should be able to get and set the values of the user control when you add the control to your web forms. **(1 mark)**.

Submission:

Publish your website on studentweb. In case of any problems with studentweb, upload your project to the dropbox folder called Assignment 2.