Term Project Requirements – A Razor Pages Web Site
CS295N, Web Development 1: ASP.NET

Your web site should meet the following requirements:

1. Be interactive. This means that it doesn't just consist of static HTML pages with links to other pages. There should be one or more web pages that display content that is generated by software running on the server. And the content should be generated in response to input from the user. An example would be a web page with a to-do list that gives you a different set of tasks depending on the day selected by the user.

2. Be data-driven. This means that the content of one or more of your web pages contains content derived from information stored in a database. In addition:

    - Users should be able to enter data that will be stored in the database.

    - Users should be able to do some kind of searching of the database.

    An example would be adding items to a to-do list or searching the list for a particular to-do item.

3. Be moderately complex- not too simple, but not too hard to build. Here are some criteria:

    - The database should have 1 table

    - The number of properties in the data model should be between 7 and 12.

    - There should be between 4 and 7 web pages.

    - The web site should have some kind of navigation that appears on each page.

Write a proposal for your web site that includes:

1. A written description of the web site
2. A "site map" that shows the navigation links between all the pages in the site.
3. UI sketches for each page
4. A list of the properties in the data model

Notes:

I. The term project web app should not be the same as one of your weekly lab assignments and it shouldn't be the same as the example web apps used in the course.
II. Good coding practices, such as using unit tests, and separation of UI code and logic are expected in the term project.