Term Project Requirements – An MVC Web Site
CS296N, Web Development 2: 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. Include some kind of interactive "rich" media. This could be as simple as images the user can click on, and/or various images that are displayed in response to user input. It could involve video or sound or jQuery animations, or some other media besides text.

3. 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:

   - The content should be determined programmatically.

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

   - Some of the data entered by users should be visible to other users.

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

   An example would be a classified advertising site where users could enter items for sale and other users would be able to see those items and search for items by category.

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

   - The database should have 3 to 6 tables

   - The total number of fields in the database should be between 8 and 30.

   - There should be between 8 and 12 web pages.

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

5. Require authentication and authorization. This means there will be a way for users to register and log in. There should be at least three levels of authorization:

   - Guest- these users don't need to log in, but will only be able to access a limited number of pages and/or features.

   - Registered user- these users can access anything except the pages/features that are only for administrators.

   - Administrator- these users can access everything.

Notes:

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1. The term project web app should not be the same as the one you do for your weekly lab assignments and it shouldn't be the same as the example web apps used in the course.
2. Good coding practices, such as using unit tests, are expected in the term project.