Lab 1 – ASP.NET MVC: Domain Model + Supporting Views and Controllers

CS295N, Web Development 1: ASP.NET

Group B: Fan Site

In this lab project, you will create a domain model that supports the features planned for your web site. The first section below describes the features, and the second section summarizes what you need to do to create the domain model.

Site features

This is just for your information. There is nothing for you to do here.

Starting Point

In the previous lab, you created a skeleton of a web site with the six pages shown below: (main bullet points are top-level web pages, and sub-points are pages linked from the top level pages.)

- Home – General information about the person and the purpose of the site
  - History – A brief history of the person (can be a static page)
  - Stories – a page with a form where users can enter stories
- Sources – Where to find out about the person
  - Books and print media (displayed in a table based on the model)
  - Links to online media (displayed in a table based on the model)

Additional Features

You will need to support these additional features in the Stories view that weren't described in the first lab
assignment:

- ~~Users will be able to rate the stories~~
- ~~Users will be able to add comments to the stories~~

TODO

Domain Model

- Create a UML diagram for a domain model that reflects the features described for this web site. You can create the UML class diagram using one of these methods:
  - On paper and take a picture of it
  - Use UML diagraming software like:
    - UMLet, https://www.umlet.com
    - Star UML (my favorite), http://staruml.io/download
- Implement the domain model in C#

Views

- Complete the form on the Story view so that users can create stories
- Add a view that lets users view stories, rate them and add comments

Submission to Moodle

<u>Beta Version</u>

Upload the following to the Code Review Forum:

1. A document containing screen-shots of the web app in exercise running in your browser. (please use .docx or .pdf format)
2. A zip file containing your web app's Visual Studio solution folder.
   Or, a link to a repository containing your web app's source code. You can put the link on the same document with the report on your tutorial exercise.
3. A code review of your lab partner's work. (You do this after your lab partner submits items 1 and 2 and you review them.)

<u>Production Version</u>

1. Items 1 and 2 above, but revised as needed.
2. The code review of your work (the one done by your lab partner) with the second column ("Production") completed by you.