Homework 1: Create a Personal MVC Website

What I Want You to Do: Build a website about yourself.

Why I want You to Do It: Since there will be a substantial amount of group work in this class, I would like us to get to know each other a little better. Building community among MIS students is a major goal of mine, even beyond MIS 333K. Since this is a class about building websites, we will use MVC websites to share information about ourselves. The goals of this assignment are as follows:

1.) Let the other students in the class know more about you
2.) Get some practice building a simple website to build on the techniques you learned in HW0.
3.) Allow you to spend some time on self-reflection related to how you work best.

This is intended to be a fun assignment with a great deal of flexibility and creativity involved. Please play around a little with both the technical features of MVC and Bootstrap and with the content you choose to include.

How It Relates to the Final Project: You will need a basic understanding of HTML and Bootstrap to build your final project. Also, you will be working in teams for the project, and this will help you get to know your classmates.

How to Do It: See the instructions below. Don't forget that there is a HW1 Resources page on Canvas, and you can post on Piazza for help as well.

Technical Requirements

1. Your site must be created as an ASP.NET CORE MVC web application in Visual Studio. If you know of additional libraries or add-ins, you may use them, but the core website must be in C# and MVC. If you build your site with any other technology, you will not get credit for this assignment.

> **Your project must be named LastName_FirstName_HW1. (Mine would be Gray_Katie_HW1)**

2. Your site must contain a home page and at least two separate, linked pages. You can organize the site in whatever way makes the most sense to you. You might have separate pages for professional and personal info (professional might include your experience and work interests, and the personal might include your hobbies). You could also have pages for two different hobbies (one for your favorite video game and another for hiking)

3. All pages should have a consistent look and feel. Use Bootstrap to help with the style of your site. You MUST use a different Bootstrap template than the default. (Hint: You can find lots of free Bootstrap themes at www.bootswatch.com)

4. All pages should have a navbar at the top with links to the Home page and each of the individual pages.

5. The home page should have links to all the other pages.

6. Your home page should have a picture of you. You don't need to be wearing a suit, but it should be a picture that you wouldn't be embarrassed to have a future employer see. For accessibility reasons, your image should have an alternative text that can be read by the screen readers used by the visually impaired.

7. Your home page should have some way to contact you. Your email address is my obvious choice here, but I am old. If you prefer to have your classmates contact you via Instagram, LinkedIn, or the latest social media network that I am not a part of, that is fine. Just make it obvious which system it is. (Hint: You might consider adding the font-awesome library to your site to get icons for the most common social media networks.)

8. Your home page should contain an embedded video of your favorite TED talk. https://www.ted.com/talks Watch a few to find one that appeals to you, but be careful – I have often gone down the "black hole" of watching these videos. It is easy to spend hours learning from these experts. If you find more than one that you like, you can make a "Favorite TED Talks" page as one of your linked pages, but still have one video on the home page.

9. The navbar should have a link to your resumé, and this link should serve up your resume in pdf format. (You may want to create a version of your resumé that does not include your address/phone number, etc. if you do not feel comfortable sharing these with the class.)

10. Your website must be published on Azure. You can choose the name for your web app, but please keep it business appropriate!
11. Post the link to your site in your Canvas profile so we can all find it. Instructions are here: https://community.canvaslms.com/docs/DOC-10628-4212710342. This will make your website available in ALL your Canvas courses, so please structure your site accordingly.   I realize that each of you have different comfort levels related to what you want to share with your colleagues. It is up to you how much you want to include on your site. Your grade will not be negatively impacted if you choose to be more reserved.

Website as Personal User Guide

One helpful way to think about this website is a "Personal User Guide" that gives others in the class some tips for working with you. This should give you some valuable insight as you choose your teammates for the final project. Here are some great resources for learning about User Guides:

https://www.nytimes.com/2013/03/31/business/questbacks-lead-strategist-on-his-user-manual.html - This is the original article that introduced the idea of a personal user's guide.

https://about.gitlab.com/handbook/ceo/ - A really detailed example of a personal user's guide. I especially like the tip about how to pronounce his name.

https://theunconventionalroute.com/personal-user-manual/ - A great blog post with some ideas and sample personal user's guides.

https://personaluserguide.com/how - This website gives you a short personality test and gives you a starting point for some of the tips for working with you. Full disclosure – I didn't really agree with some of the "tips" it suggested for me.

Other Ideas for Self-Reflection

https://www.16personalities.com/ - This is an expanded version of the Myers-Briggs Type Indicator (MBTI). The MBTI is widely used in businesses, but it *is* somewhat controversial among psychologists. Take your results with a grain of salt.

https://www.123test.com/ - Offers a variety of free personality tests. You might consider taking the "Personality Test" which ranks you on "The Big 5" personality traits, which are generally more accepted by psychologists. This site also has a variety of other tests.

You can also share the results of any tests (validated by experts or not) that you feel represent your personality. I'd be super interested in knowing your Hogwarts house from www.pottermore.com. Sites like Buzzfeed have tons of silly but fun-to-take quizzes that you can add to your site. Please keep your site PG-13, though – not all quizzes are appropriate for a professional environment. Again, beware of the internet black hole – it is entirely too easy to lose 3 hours taking silly quizzes and claiming that you are doing homework for MIS 333K. Wasting hours on the Internet is NOT a requirement for this assignment.

Peer Grading

Since the first goal of this assignment is to get us to know each other, you will need to review the websites of your colleagues. Canvas will automatically assign 5 sites for you to review and you will grade your colleagues' work by filling out a rubric. Completing these peer evaluations will count as a Homework Reflection grade. (Please note that there is also a separate HW1 reflection that you should also complete to make sure you understand the key takeaways from this assignment.

TA Grading

This assignment will also be evaluated by the course TAs, who will be looking at the technical structure of your website to make sure you are following MVC best practices. Please note that there is a separate rubric for the TAs to use to evaluate your website. This rubric is available on the Canvas assignment page for the .zip file submission part of this assignment.

Extra Credit

As mentioned above, I want you experiment with the different things you can do with a web site. You can earn up to 10% points of extra credit for going above and beyond and adding things to your website.   Feel free to add interesting content, additional pages, or other cool things to your site. For reference, the example site that I have created is just a little above the baseline – I have icons on my navbars, and I used Bootstrap cards to organize the links on my coding resources page. I would give my site 2/10 points of extra credit.

IMPORTANT: Submission Instructions

There are TWO assignments on Canvas for this homework; you must submit to BOTH assignments to get full credit for this homework! This assignment is worth two homework grades. The first assignment asks you to submit a link to your website. This part of the assignment will be peer-graded by your colleagues. The second assignment asks you to submit the zip file of your Visual Studio project. This portion of the assignment will be graded by the TAs. Both assignments have rubrics posted on Canvas so that you can see how the points will be assigned. Again, please note that **there are two different rubrics** for this assignment. Please review both rubrics to make sure you understand the project requirements. If you have any questions about either of these rubrics, please post on Piazza.