CISC 3140 Summer Term Project

Students are free to choose their own project content but I want you to create a personnel blog. I listed some ideas, you can pick your own content as long as it is suitable for a class project.

- Food blog
- Travel blog
- Life-style
- News
- Movies
- Sports
- or a content that you propose...

Must Have Elements In The Project

Figure 1: Sample Webpage

1. You are going to have a HOME page for your blog.

2. In your home page, you will have a menu section as seen in Figure 1. In the example, there are home, menu, directions, coupons, orders, catering, reviews as menu instances each of which is a link to another .html document.

3. Each of these links in your menu should work and should take us to a new .html file that you will create. If your menu contains home, about me, gallery, contact, online store then you must have home.html, aboutme.html, gallery.html, contact.html, store.html pages. Your menu should contain at least 4 links to other pages.

4. You don't have to use the same menu options. For instance, if you are creating a travel blog then you can have home, gallery, travel stories, etc., but the menu items should be related to your content and one of your menu item should be **online store** where you will sell some related items. For instance, for travel blog you can sell your own designer t-shirts, mugs, etc.
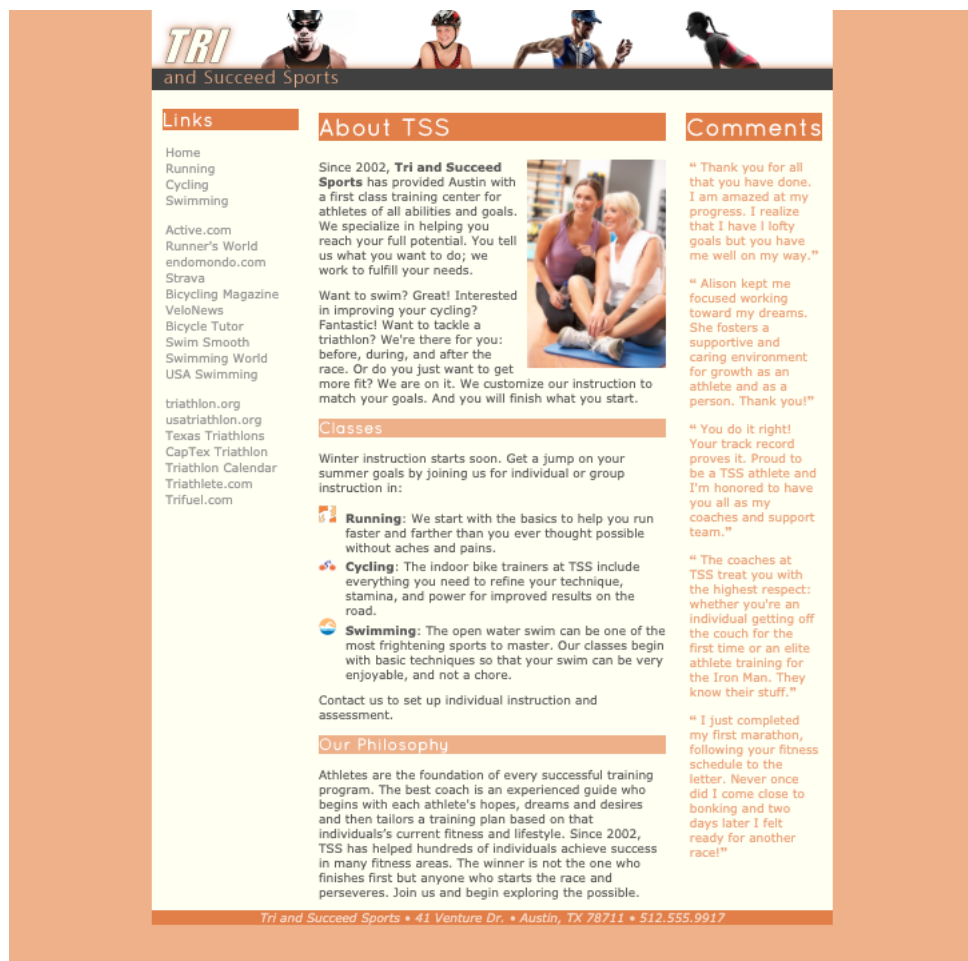

Figure 2: Page Structure

5. You must use different font size, family, color for different parts of your page where you will change them in your .css file. For example, in Figure 2 main titles are bigger and darker and

subtitles are lighter. Some text color is orange some are black. I leave the style options to your creativity.

6. You must have an unordered list where you use icons/images instead of bullet points as seen in Figure 2.

7. Your home page should contain "aside" tag where you will have an unordered list without bullet signs and list items will be some links to certain websites that are related to your content. You must have at least 3 list items such as links section in Figure 2. Your aside section should either appear on the left or on the right side of your page. You will need to use .css to adjust the location of your tag element.

8. All of your .html pages should have the same header, menu, footer and they should share the same template. In Figure 1 for instance, if I click menu, or if I click coupons, or if click reviews, I should be able to see the same header, the same footer, the same background color, font family etc. Only the content part should differ from one html file to another.

Figure 3: Background color on the menu

9. The background color in the menu should change when I move my mouse on the menu as seen in Figure 3. Online Store has different color when the mouse is on that menu item.

Figure 4: Event Calendar

10. One of your .html files must contain an event calendar as seen in 4. Your event calendar must be created with JavaScript code and it should be able to create the table automatically based on current date. It should be able to mark current day with different color on the calendar. You will also add the events in the table by using another js file. And the style of your calendar must be set with a .css file. You can refer lecture-8 for calendar part. You will create your own .js and .css files.

Figure 5: Before logging in

Figure 6: After logging in

11. Your **online store** will contain log in form on top of your page that lets users to type their name and password. When pressing login button it will write "Welcome, (username)" as in Figure 5 and Figure 6.

12. In your **online store** page you will list at least 2 items to sell. User should be able to purchase one or both of them. Like in Figure 5 and Figure 6 and you will have a form. You will show price of the item(s), depending on the user selection whether user selects both items or one

of them you will calculate the tax which will be %8 of the item price. You will find the total amount which will be item price + %8 tax. The price information must be shown to user like in the figures. If user deselects an item or selects a new item price must change accordingly on your form. Finally, when user presses "Add Cart" button, you should send form information to **payment.html** file.

Figure 7: Payment form

13. In your **payment.html** you will have another form. Where you will print the data that you will receive from your **online store** page and also a form to receive payment method. In your payment form you will have, name, credit card number, expiration date and cvc information. Make all of these fields mandatory and until user types something in input boxes use a different color in the input box such as seen in Figure 7. Name, credit card number and cvc inputs are in red color until user starts typing in it. As soon as user types inside, the color of the inputs will be white. In addition, change the built-in browser message for mandatory inputs. Create your own error message in JavaScript for each of the mandatory inputs so that when user leaves an input empty and presses Submit Payment button, you see your own error message rather than built-in message.

Figure 8: verification.html page

14. If all fields are filled, then Submit Payment should direct to another verified.html page to verify that purchase was placed correctly as in Figure 8

Figure 9: Gallery.html

15. Finally, one of the links in your menu will take to another .html page where you will have some images in it. You will have one big image frame, and some small images placed underneath the big frame. Every half second, the image on the big frame will change based on the small images you list down below.

Remember, the content of your blog is up to you. The style of your page is also up to you. You can pick any image and any color, any font type for your page but you must remember the header, and the footer part, and page background color must be consistent. All of your .html files should have the same page template but the content may differ.

The items you want to sell in your online store is up to you as long as it is consistent with your content.

The events are up to you as well. You can have as many events as you want in your calendar but make sure that you have at least 5 event.

The images that you will automatically show is up to you but make sure that it is related to your blog content.