

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



The image shows a screenshot of the Red Ball Pizza website. The header features a logo of a chef holding a pizza, the address "811 Beach Drive, Ormond Beach, FL 32175", the phone number "(386) 555-7499", and the name "Red Ball Pizza". Below the header is a navigation menu with links: home, menu, directions, coupons, orders, catering, reviews. The main content area is titled "Customer Survey" and includes a thank you message, a description of the survey's purpose, and a statement about privacy. Below this is a form with two sections: "Customer Information" and "Share Your Experience at Red Ball Pizza". The "Customer Information" section includes fields for Name*, Street address, City (pre-filled with "Ormond Beach"), State (pre-filled with "FL"), Postal code (with a hint "nnnnn(-nnnn)", and Phone number (with a hint "(nnn) nnn-nnnn"). The "Share Your Experience at Red Ball Pizza" section includes fields for Date of visit (with a hint "mm/dd/yyyy"), Order type (with a dropdown menu showing "Dine in"), and two questions: "Was your service friendly?" and "Was your order correct?", each with "Yes" and "No" radio button options. A partially visible question "Was your food hot?" is at the bottom.

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.

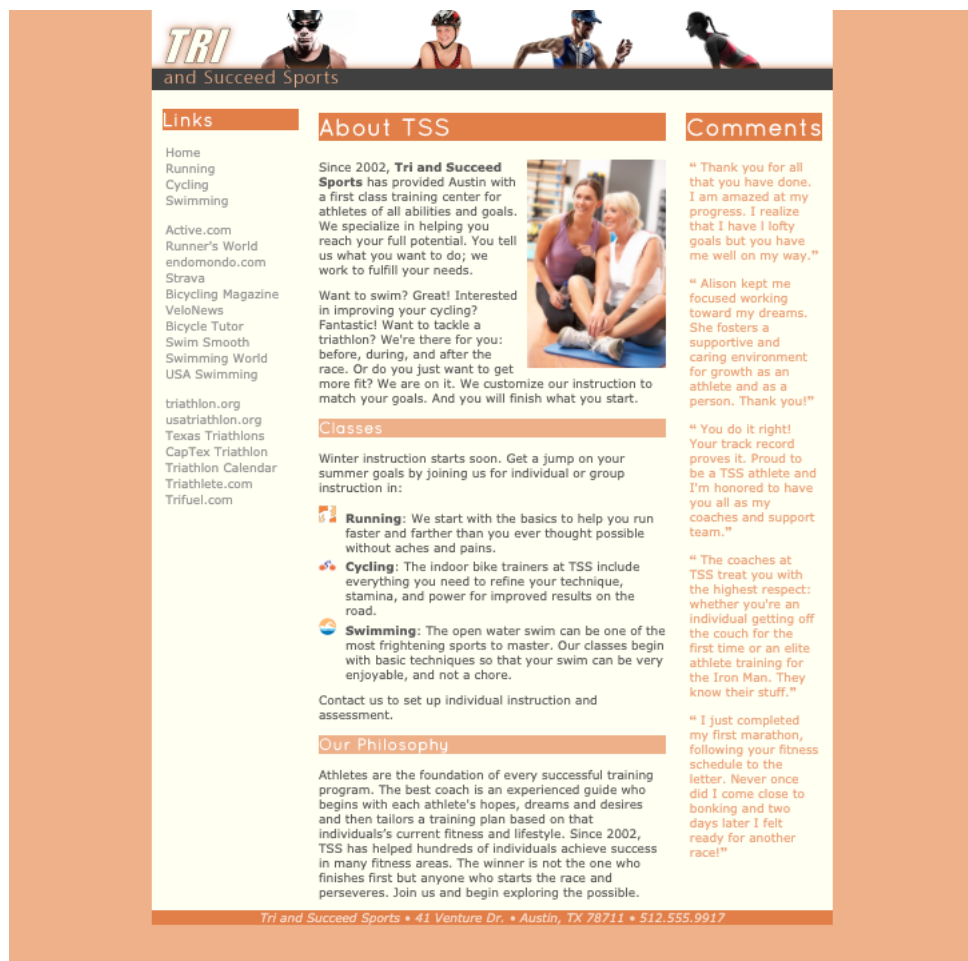


Figure 2: Page Structure

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.

June 2020						
SUN	MON	TUE	WED	THU	FRI	SAT
	1	2 Classic Cinema: Wings 7 pm \$5	3 The Future is Prologue 8 pm \$18/\$24/\$36	4 American Favorites 7:30 pm \$24/\$36/\$48	5 Classics Brunch 11 am \$12	6 LHT Jazz Band 7 pm \$24
7	8 Civic Forum 7 pm free	9 Hamilton 7:30 pm \$48/\$64/\$88	10 Hamilton 7:30 pm \$48/\$64/\$88	11 Hamilton 7:30 pm \$48/\$64/\$88	12 Classics Brunch 11 am \$12	13
14 Hacking your Dreams 7 pm free	15 Hamilton 7:30 pm \$48/\$64/\$88	16 Hamilton 7:30 pm \$48/\$64/\$88	17 Hamilton 7:30 pm \$48/\$64/\$88	18 Hamilton 2 pm \$48/\$64/\$88	19 Classics Brunch 11 am \$12	20 What Einstein Got Wrong 7 pm free
21	22 Governor's Banquet 6 pm by invitation	23 Classic Cinema: City Lights 7 pm \$5	24 Stardust Memories 8 pm \$24/\$36/\$48	25 Summer Concert 8 pm \$16/\$24	26 Classics Brunch 11 am \$12	27
28 Children's Shakespeare 6 pm free	29 Kids Fair 6 pm free					

Figure 4: Event Calendar

- 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

- 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.
- 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.

The screenshot shows a "Payment Form" with two main sections: "Your Order" and "Credit Information".

Your Order section includes a date "Sat Jun 20 2020" and a table of items:

Item	Qty	Price
6-Quart (\$129.95)	1	\$129.95
No protection plan (\$0.00 each)		0.00
Subtotal		129.95
Tax		6.50
TOTAL		\$136.45

Credit Information section contains the following fields:

- Name* (text input)
- Credit Card Number* (text input)
- Expiration Date* (mm / yy dropdowns)
- CVC* (text input)

A note below the fields states: "* - Required Item". At the bottom is a "Submit Payment" button.

Figure 7: Payment form

- 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.

The screenshot shows a "Form Submitted" confirmation page. It features a heading "Form Submitted" and a message "Your purchase has been submitted successfully." in a light gray font.

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.