

CS320 ASSIGNMENT 6: USER INTERFACE DESIGN & SEMANTIC UI

Instructor: Xinghui Zhao

Due: 11:59pm on 11/2/2018

1 Introduction

In this assignment, you will create a mockup for the "Cougar Shop", using Semantic UI (<https://semantic-ui.com>). Note that for this assignment, you won't be writing Javascript code, so you do NOT need ESLint. You should use GitHub for version control, as directed.

The mockup page you are developing in this assignment should look like Figure 1 (a separate PNG file is attached as well).

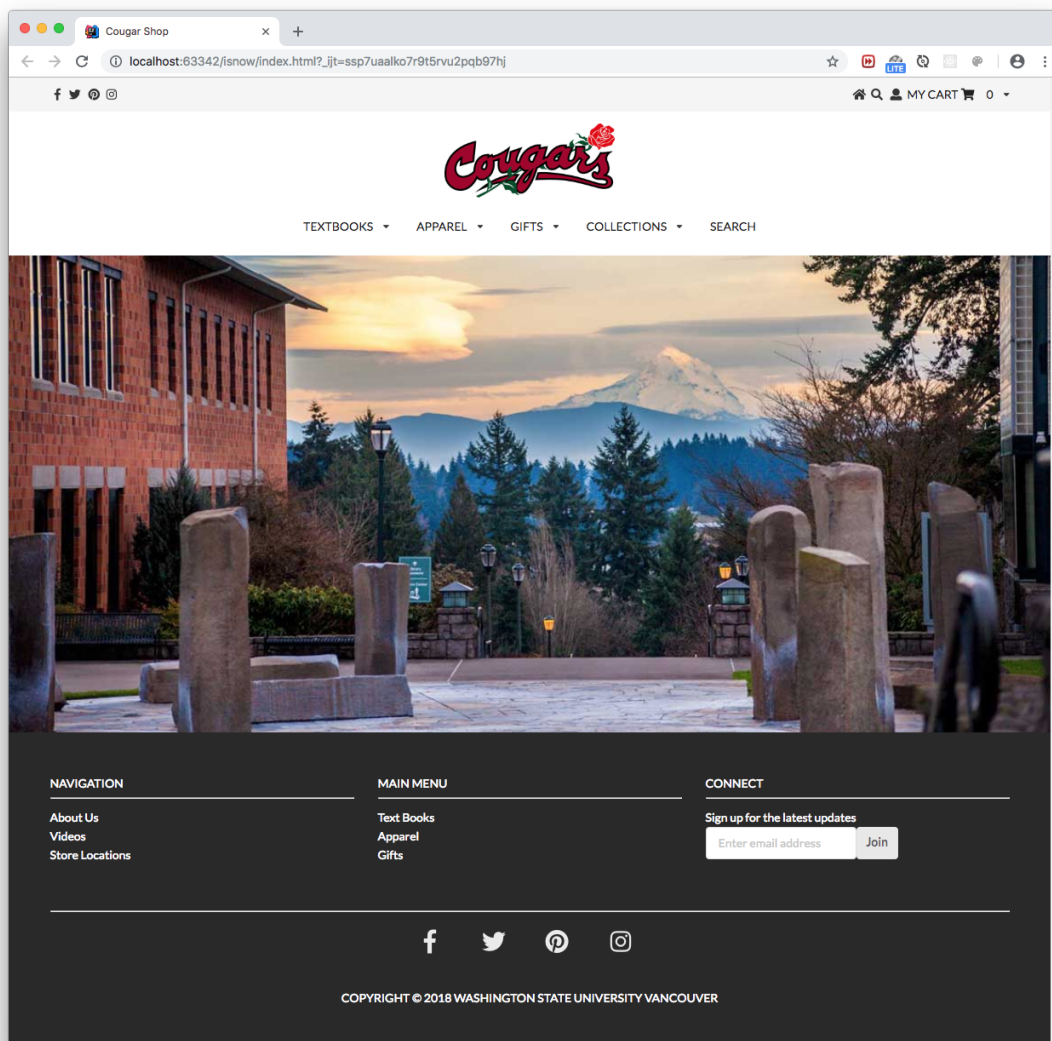


Figure 1: Cougar Shop Mockup

2 Mockup Sections

To implement the mockup page, you need an html file (index.html) to specify the contents of the webpage, and a css file (style.css) to specify the layout for certain classes. In the header of your index.html file, you should load the Semantic UI and JQuery files as demonstrated in class. Also, in the html file, you make the title of your page to be "Cougar Shop".

You should develop the mockup page step by step, as described in the following subsections.

2.1 Top Menubar

The top menubar is a Semantic UI Menu (<https://semantic-ui.com/collections/menu.html>). You should go through the description on the semantic UI menu to find ways to specify the properties of your menu bar to make it look like the final product. In particular:

- The menubar has no borderline in between menu items;
- The social media menu items on the left are tightly grouped together;
- There are some margin spaces on both sides of the menubar;
- The "My Cart" menu item can show a dropdown menu if clicked, as shown in Figure 2;

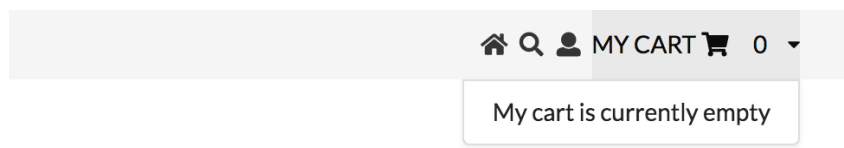


Figure 2: My Cart Dropdown Menu

- The top menubar has no border or shadow;
- The top menubar has a background color (hint: you should use color picker (<https://imagecolorpicker.com>) and the attached mockup image file to find out the exact color);

2.2 Middle Section

The middle section of the mockup page includes a logo, a menu, and an large image. The logo (coug.jpg) and the image (centerimage.jpg) are attached for you to use. Pay attention to the following requirements for this section:

- The logo needs to be placed in the center, and has a width "200px";
- The menu items are located in the center;
- Four menu items are dropdown, and each of them shows a specific dropdown menu when clicked, as shown in Figure 3;

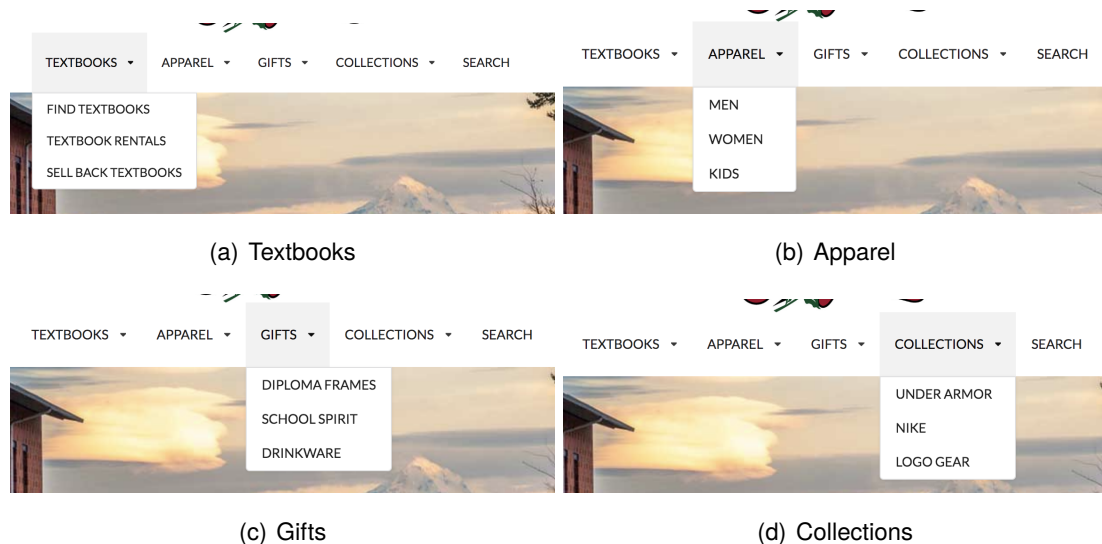


Figure 3: Dropdown Menu

- The WSUV campus image (centerimage.jpg) takes the full width of the page, and adjusts its size automatically when you resize the browser window.

2.3 Footer

The footer of the mockup page has a darker background, recall the approach we used in the "color block" example in class. Again, you should use color picker (<https://imagecolorpicker.com>) and the attached mockup image file to find out the exact color. The requirements for the footer section are as follows:

- The footer has some padding spaces on top (50px) and at the bottom (50px);
- Create a three column grid, each column has an horizontal rule and a list of items;
- The social media icons are bigger than the ones on the top menu bar, and they are inverted because the background is dark;
- Create the copyright information at the bottom.

3 Workflow Instructions

You must follow the step-by-step workflow instructions below:

1. Create a **private** GitHub repo called "cougarshop" and clone it to your computer.
2. Create an IntelliJ "Static Web" project within your local "cougarshop" repo directory.
3. Add "*.iml" and ".idea/" to the .gitignore file, so these IDE related files won't be tracked.
4. Create two files, index.html and style.css, copy the provided image files, coug.jpg and centerimage.jpg to the project folder.

5. Start to work on the top menubar.
6. If you need to redo the work, just delete your repo and start over from scratch.
7. Once the top menubar is completed, check to see if it is similar to the screenshot. Commit your master branch to GitHub, label it "Finished top menubar".
8. Create a branch called "middle-1", start to work on the middle section of the mockup.
9. If you need to redo the work, switch back to the master branch and create another branch called "middle-2", "middle-3", etc.
10. Once the middle section is finished, compare it against the screenshot to make sure it looks similar.
11. Commit it to GitHub, and label it "Finished middle section".
12. Merge the final middle branch back into master.
13. Create a branch called "footer-1", start to work on the footer.
14. If you need to redo the work, switch back to the master branch and create another branch called "footer-2", "footer-3", etc.
15. Once the footer is finished, compare it against the screenshot to make sure it looks similar.
16. Commit it to GitHub, and label it "Finished footer".
17. Merge the final footer branch back into master.
18. Do some final cleanup if necessary. Commit your project to GitHub, label it "Finished Assignment 6." Check that your code is on GitHub. Keep a screenshot of all your commits on GitHub.

4 Submission

This assignment is due at 11:59pm on 11/2/2018. Late submissions are subject to a 20% penalty. **Late submissions will not be accepted after 3 days past the deadline, in this case 11:59pm on 11/5.** Submit the following files in a package (.zip or .tar) to Blackboard:

1. index.html
2. style.css
3. coug.jpg
4. centerimage.jpg
5. GitHub screenshot showing all your commits, in either png or PDF file.

5 Grading Scheme

This assignment will be graded out of 100. For your information, the grading scheme is shown in the following table.

Item	Percentage
Top Menubar	30%
Middle Section	30%
Footer	30%
Use of Git	10%