Assignment 2 – Rebuild FSU's Homepage
CGS 3066 - Spring 2019

Deadline: Monday, February 18, 2019, 11:59 PM

Objective: Practice HTML scripting using CSS rules for styling and positioning

For this assignment, you will replicate the FSU´s main web page (the web page you obtain after opening www.fsu.edu in your browser).

The replica will not have all the functionalities that the original FSU web page contains. In particular, your replica will not include all the link destinations the original page has. For example, the first link in the FSU has the label "ACADEMICS", and points to https://www.fsu.edu/academics/. Your replica will have a link with the label ACADEMICS, but the destination of the link can be a random web page or even your own replica itself.

As of January 27, 2019, FSU´s web page does not contain a lot of dynamic content (e.g. video that plays as soon as the page is open, carrousel with images, etc.). The only existing dynamic behavior so far is the onclick menu located at the top right corner (the one that appear after you click the stack of three lines). **You do not need to implement that dynamic behavior**. That is to say, the menu that appears after you click the icon will not be included in your replica. Should other dynamic content appear before the deadline, you will not add such type of content to your replica.

Your replica must match as close as possible the fonts, images, positioning, style, and content of the elements shown in the web page. All the images in your replica should be linked using relative paths, which means that all of them should be included in your submission.

Your replica must also match the behavior added to the original path using the pseudo-class :hover. That is to say, if a link in the original FSU web page changes its color when you move your mouse pointer on top of it, your replica must include that same behavior.

Hints:
- Using the developer tools in your browser to understand "how each element in the original website is built" is allowed.
- Use the developer tools to obtain the URL of all the images contained in the FSU web page. Remember your submission must include all those images. Usually, to save the images you just need to right-click it, then save image.
- In case you cannot get the images using the developer tools or using the save feature, you are allowed to use a snipping tool to obtain a screenshot of the image. Note that you may need to modify this screenshot to obtain the desired output.
- Check the CSS files imported by the FSU web page to find the fonts it uses. Use them in your replica.
- Inspect every single element in the original FSU web page to detect all the links that have a :hover CSS style. Implement those styles in your replica.
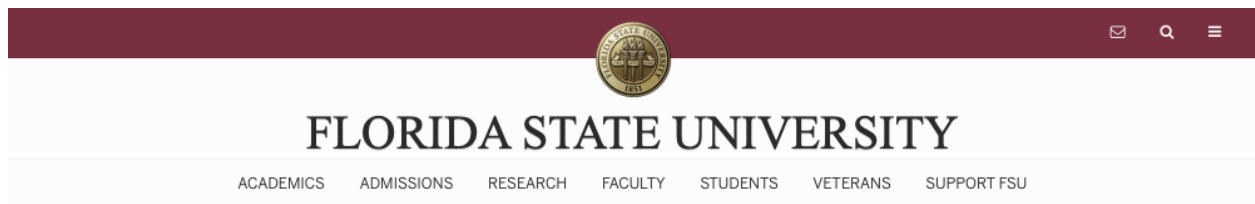- You are allowed to fix the width or height of the components whenever you consider it necessary.

- Start with creating the structure and layout of the page. For instance, you can see that the page contains a Garnet header and footer and everything else is the main content, which in turn is broken down in several parts.
- First try to create the HTML element and then try to fix the position and style
- Often, there are multiple ways to create and style an element that you want. Be creative!
- DON'T BE A PERFECTIONIST! You're just trying to make it look like www.fsu.edu, not actually function like it and it doesn't have to be spaced the same way to the pixel.

Rules:
- You are required to always use external CSS styles.
- You are not allowed to obtain and modify the original source code of the FSU website. Your submission should be your own work, written from scratch.
- You should be able to explain every single line of code you submit. This will be reflected in the comments in your submission.
- It is enough if your replica works on a personal computer. You are not required to make it responsive or to make it look pretty on a mobile device.
- You do not need to implement the sticky header you obtain after scrolling the FSU web page.

Rubric: Total: 100 points
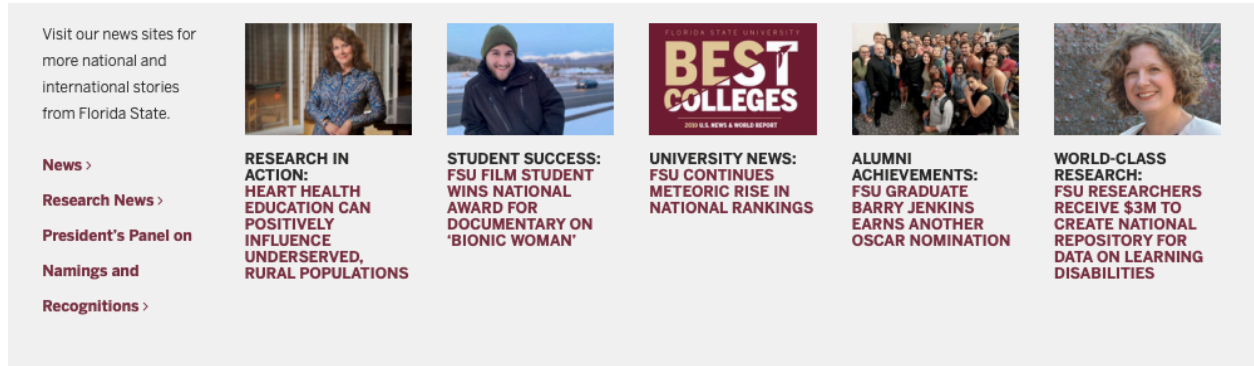
1. Header and Horizontal Navigation Bar (10 points)

The header includes the maroon colored section at the top, the FSU logo and the FLORIDA STATE UNIVERSITY title right underneath the logo. You DON'T need to include the 3 icons at the top right corner of the page. There are also 7 navigation links right under the header section. The link destinations can be random, but make sure that they are actual links. Also, make sure that the header and navigation bar looks similar to FSU's homepage.

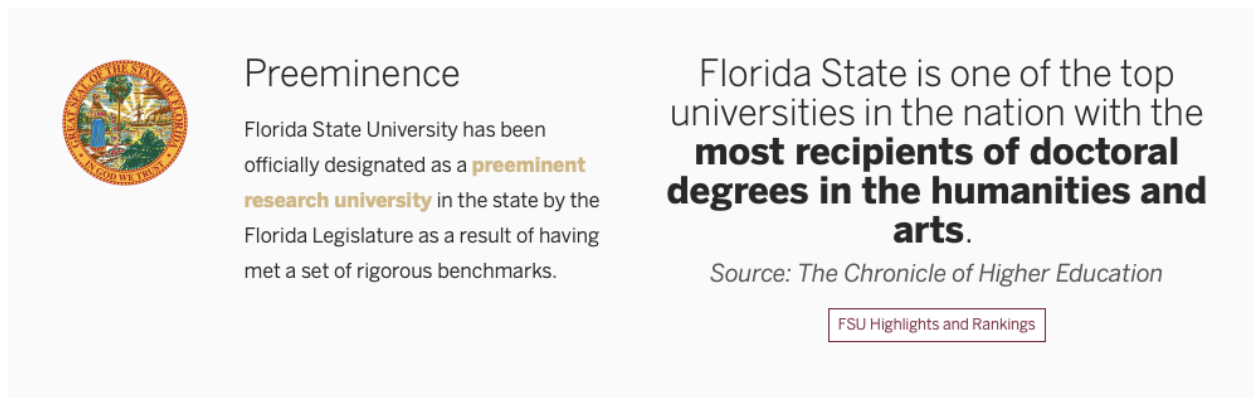2. Content Section 1 (10 points)

This includes the big picture and the text right next to it on the right-hand side. Make sure you take care of text alignment and the links.
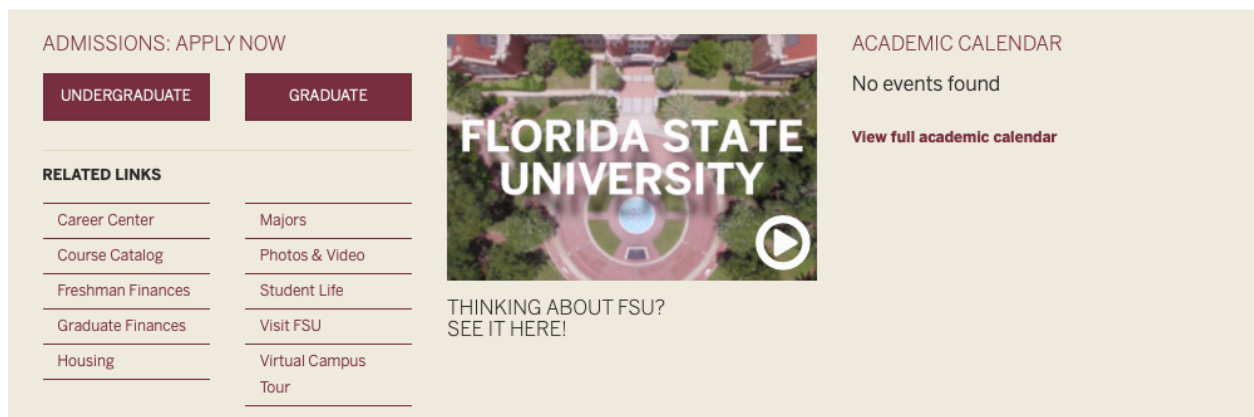
3. Content Section 2 (10 points)

This includes the small paragraph and the links on the left as well as 5 small images with associated text positioned below each of them.

4. Content Section 3 (10 points)

This includes the Florida Seal image and a paragraph on its right. Also, there is another piece of text on the right which needs some formatting.

5. Content Section 4 (10 points)

This section has a light gold background with two columns of links on the left and a video in the middle. You can replace the video with an image of the same size. Also don't forget the academic calendar section on the right.

6. Content Section 5 (10 points)

Student Stars

Florida State University recognizes its most accomplished students as "**Student Stars**." Students are selected for this designation after achieving distinction in their academic area or following significant service to the university.

kNOw MORE

Florida State University does not tolerate sexual violence. The **kNOw MORE sexual violence prevention initiative** is about action, education, and the continuum of care for our students, faculty, and staff.

Florida State's Economic Impact

Understanding Florida State University's contributions to the **economic impact of our state** and the nation.

In this section we have 3 paragraphs with headings and equal width.

7. Content Section 6 (10 points)

GET TO KNOW FSU
About Florida State
Administration
Athletics
FSU Facts
FSU's Economic Impact
Global FSU
Map of Campus
Visitor Services

NEWS & EVENTS
Calendar of Events
FSU Highlights & Rankings
Press
Research

INITIATIVES
Critical Thinking
kNOw MORE
Raise the Torch

FSU TOOLS & RESOURCES
Canvas
Distance Learning
Information Technology Services
Libraries
myFSU
Service Centers and Help Desks
Webmail

POLICY & SAFETY
Diversity & Inclusion
Emergency Info
FSU Regulations
Police and Safety
Policies
Public Records Requests
Strategic Plan
Title IX

BUSINESS & EMPLOYMENT
Departments
Directory
Doing Business with Florida State
Employment
FSU Bookstore
Human Resources

JOIN OUR SEMINOLE FAMILY
Admissions
Advocate for Florida State
Alumni Association
Giving to FSU
Registrar
Seminole Boosters
Veterans Initiatives

6 columns of links to different pages of the website. Don't worry about the actual address each link should refer to. As long as they are actual links and they look the same as the original website, it is fine.

8. Content Section 7 (10 points)

PUBLIC RECORDS NOTICE PURSUANT TO SECTION 119.12, F.S.
The custodian of public records for purposes of this section is: Office of the General Counsel, 222 South Copeland Street, Suite 424, Tallahassee, Florida 32306-1400; **generalcounsel@fsu.edu**; **https://generalcounsel.fsu.edu**.

This is probably the easiest part. A simple paragraph with a few styling requirements.

9. Footer (10 points)

© Florida State University
Tallahassee, FL 32306

Questions or Comments
Privacy Policy
Copyright

FSU Directory Assistance:
850-644-2525

This includes the maroon section at the bottom of the page. You DON'T need to include the social media icons at the bottom right corner.

10. Code Style (10 points)
    a. Student's name as a comment at the beginning of each source code file
    b. Meaningful CSS class names and ID names
    c. Correct indentation

Extra credit (20 pts).
1) **(10 pts) Validated Code.** As we discussed in the class, you may sometimes write invalid HTML code which shows fine in a browser. But that doesn't mean your code is correct. In order to make sure your code is valid, I will use https://validator.w3.org/ to check if your HTML and CSS code is valid. You'll get the full 10 points only if your code is error-free. You can use the same service to check your HTML and CSS code before submission.
2) **(10 pts) Server Deployment.** Deploy your replica to the CS ww2 server. You still need to submit your replica to Canvas. If you do this part, it must be deployed at the time of submission. The same rules for tardiness apply. For instance, if the site is deployed more than 5 days past the deadline, no credit will be given.

Submission format: Your replica should follow the following project structure
- H2 (folder)
    o images (folder)
        ▪ attach all the images inside this folder. Use relative paths to display them on the web page
    o css (folder)
        ▪ style.css file (here you will include your CSS styles)
    o index.html (HTML file with your code)

To submit your assignment, compress the H2 file and all of its content into a .zip or .tar.gz file and submit it to Canvas.

Late submission policy: As described in the syllabus, any late submission will be penalized with 10% off after each 24 hours late. After 5 days late the grade is 0 (zero).