



CSC 2610: Cloud Fundamentals and Web Programming

Fall 2023 – Project #1

Develop your own homepage listing all courses you have taken so far. Your web page should meet the following minimum criteria:

1. Should have a list of all the courses you have taken so far, all projects you have done so far and your skills.
2. Should have links to your Github profile (even if your profile has no projects)
3. Should have some buttons to manipulate the visual style of your homepage.
4. Should have some animation that involves an image.
5. The displayed page layout should be *different* for desktop vs mobile devices. You can see the figure below for more information on this. I made a short video demonstrating this on a simple web page that I built. You can find the video here:
<https://lsu.zoom.us/rec/share/VwctTl4qfUiWg0SGjRGV43wFkWngaWXXK3okwgVNLi7k6xIMhjFX1NKQTCdxYuKmc.sRq9ilW89Cc1EOmb>

Note that this is just *one example* of a changing layout design. You can design your webpage layout anyway you like as long you are able to demonstrate the differences in the rendered layout between desktop and mobile form factors.



Example for different layouts for desktop vs mobile devices

6. **Important: You are not allowed to use any external JavaScript libraries for this project.**
All the code should be written by you. If you are using any external sources (such as stackoverflow, blogs etc. please cite them clearly in your code.). Similarly, if you are using assistive technologies such as ChatGPT for this project, please provide a separate file mentioning what prompts you gave to ChatGPT and what changes (if any) you had to make to ChatGPT's output.

Submission Requirements:

1. You need to make a **5-minute video** demonstrating **all the required features** on your web page and **walking through your code** to demonstrate how each of these features are implemented by you. Think of this as a brief class lecture that you are providing to others. Please feel free to use free **LSU's Zoom Cloud** recording feature for this task. You need to **provide a link to the recording in your final project submission**.
2. Please put all code files (HTML, CSS, JS etc.) into a single directory, compress it and upload to Moodle.