**David Demers 204815, May 26th 2024**

**Adventure Prep website report:**

The website includes 10 html pages;

1. The landing page, called landing.html
2. The Summer Activities page, called summer.html
3. The Winter Activities page, called winter.html
4. The Water Activities page, called water.html
5. The Dashboard page, called dashboard.html
6. The User Dashboard page, called mydashboard.html
7. The create list page, called createlist.html
8. The about page, called about.html
9. The review page, called review.html
10. The useful links page, called resources.html

**Concept**

The Idea of the website was to offer people a way to do a bit of research on outdoor activities, and better prepare themselves for their big trip. I believe I succeeded in doing so, although the website can still be greatly improved. For starters, I would like to add a lot more information about specific activities along with a suggested checklist. Right now, there are only 3 and they offer minimal insight. This is largely because I spent most of my time tinkering with the format of the html pages, making sure it looks good instead of focusing on the content of the pages. I also later spent a lot of time doing research on utilizing javascript to make a functioning checklist. I never ended up incorporating a calculator for calculating the trip price, this was because I was already stuck trying to send data between html pages with javascript and did not have the time to add a whole other functionality to the checklist.

**JavaScript**

The pages that caused me the most difficulty were all the activities pages, as well as the createlist and mydashboard pages. These were all the pages that required javascript. Because we never covered any javascript in this class, I had to look at some old projects I did in javascript to help me create the checklists and send the data between html pages. Most of the code I learnt was from the online coding website called scrimba, they have a free javascript course that I had previously done and was already familiar with.

**Js1 and Js2**

The main usage of the javascript is in the file js1.js, which is the script that createlist.html uses to add stops and items to the list. There is also an event handler that handles the submission of the trip form. All the data from the stops and inputs entered by the user are sent to a checklist in mydashboard.html. I added a checklist number selection because I thought that mydashboard.html would be able to remember previously made lists and I was hoping that you could fill all 4 checklists in mydashboard.html with your own checklists. Instead, each time you create a new checklist it replaces the corresponding checklist in mydashboard.html and resets all others, so you can only ever have one unique checklist.

The script js2.js is necessary for the mydashboard.html page, because you need to take the variables created in js1.js and display them inside the user’s dashboard of checklists.

**Preset Check Lists**

The other 3 scripts all resemble each other, because their only function is to always send the same inputs for a list of items in a checklist. They are; the hiking list, the ski touring list, and the fishing list. These will always send the same data to createlist.html and will bring the user to the createlist page, where they can add or remove things from AdPrep’s recommendation.

**Nav Bar**

Another part of the website that was difficult and required research was the navigation bar at the top of all the pages. While I believe I could have done this alone purely with what we learnt from this class, I used a similar navigation bar structure from a tutorial I found on w3schools.

**Resizing**

My greatest concern with the website is that the formatting only looks good on my screen size, I wrote all measurement in px instead of in em in my css files. This means that my website is likely to encounter a lot of resizing issues for devices with smaller screens. I especially noticed this in the createlist.html page, where if you make the screen small enough, the stops and items boxes overlap on the submit button, which does not allow the user to create their list.

**Review**

Overall, I believe that currently the website is still missing a lot of useful components, for example the trip cost calculation could be easily implemented and there should be much more information on activities given it is the website’s purpose to provide insight on risk prevention. I still believe that I did a good job with the website, I find the styling and spacing to be very good. The javascript seems to all work well, I have yet to find an exploitable bug.

**Future**

For the next semester, I want to try to allow the user to create an account. My hope is to turn the website into a type of social media, where people can post guides with their own checklists. Or people can invite others to their trip planning, this would make it easier to find partners to do certain activities with. With all these features this would be a website that I would love to use, I am an outdoors person and I want to create a mix of Reddit and Instagram focused on outdoor activities.