

HW8 - Final Project Pt. 2

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Dec 3, 2021

 Link to active website: <https://gifted-torvalds-0415a0.netlify.app/index.html>

Part 1: Describe your website

When moving to a new place, available activities and fun might not be immediately obvious. Therefore my final project, the Seasons in Pittsburgh website, will encourage users to discover the fun things Pittsburgh has to offer through all four seasons. The target audience is non-permanent residents in Pittsburgh who are looking to make the most of their limited time in this city. Individuals in this target audience might include college students and short term workers in Pittsburgh.

The website will share produce, plants, and activities that are fun to do during the specified season. For each in-season produce, links to three recipes are listed. Two activities are provided in each season. For each, the general timeframe, location, and link to the activity are provided. Finally, two plants that are blooming during the season are provided for the user to keep an eye out and admire. Main interactivity of the website comes from the user selecting the season. The website will also include animations of falling flower petals, leaves, or snow depending on the context of the selected season.

The interesting part of the website is that it allows users to discover what they can enjoy during that season. For example, winter may be a tough time for people to enjoy due to the cold. But certain activities such as skiing can only happen during this time. The website will highlight these activities for the user, sparking interest in winter fun.

Part 2: How a user would interact with your website

- Season picker
 - User clicks on one of the buttons on the top row of buttons, where it says “Spring,” “Summer,” “Autumn,” and “Winter.” For now, click “Winter.”
 - The page loads Winter information. Scroll down this page to find Produce, Activities, and Nature information.
- Recipe recommendations
 - Produce should appear at the top of the page. For now, assume the user is on the “Winter” page.
 - Identify a produce item of interest. For now, identify “Turnip.”

- Click on the button that says “Recipes” on the produce card.
- The user will see three bullet points, each linked to an online recipe using that produce item.
- Click on a recipe link. For now, click “Turnip Bake.”
- The recipe link will open in a new tab. The user is free to investigate this recipe.
- Activity recommendations
 - Activity information should appear at the bottom left hand of the page. For now, assume the user is on the “Winter” page.
 - Identify an activity of interest. For now, identify “Ski, snowboard, and snow tubing slopes at Boyce Park.”
 - Look over the timeframe of the activity, and location.
 - Use the link at the bottom of the UI card with the activity information.
 - The link will open a new tab, taking the user to more information online.

Part 3: Describe what external tool you used

Bootstrap

I used Bootstrap to ensure responsive design on my website. It also helped speed up my process in creating necessary UI elements on the page. I used its UI components and grid system throughout, and it added a clean look and feel to the website.

Animation - Snow

I used the animation, Snow Falling JS, by Boyd Massie, which shows snow falling from the top of the screen to add more context to each season. This is from a JS/animation library from Codepen. I created animation files for each season, each with a different color to mimic flower petals (spring), green leaves (summer), falling leaves (autumn), and snow (winter). Each season HTML file imports its respective animation JS file.

Link: <https://codepen.io/massiebn/pen/vmkwJ>

Part 4: Describe how you iterated on your HW7 mockups

From HW7, I iterated by taking in feedback from my peers in my lab section. My previous design didn't include feedforward nor instructions to the user. Now, I added feedforward by including a brief description under each section header for the user to understand the purpose of the information.

Part 5: What challenges did you experience in implementing your website?

A major challenge I experienced was figuring out Bootstrap into the mix. This was my first experience with Bootstrap, and I definitely had to do some research on my own to learn how to use it in my code. I was able to figure out how to use it quickly by referencing its documentation pages repeatedly. Luckily things were much smoother sailing after learning how to use it!