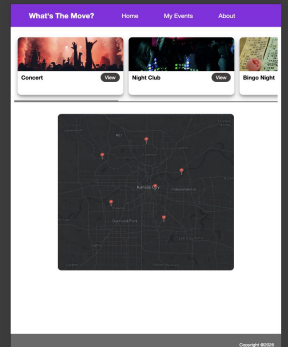




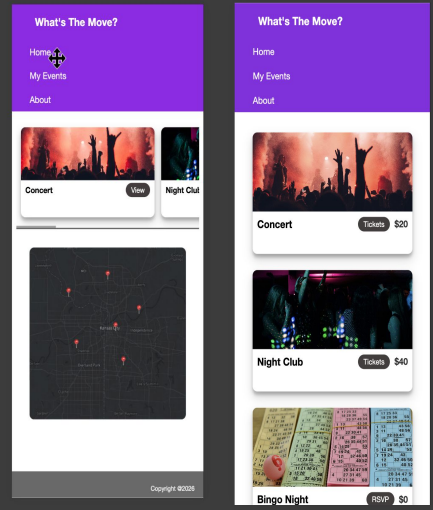
What's The Move?

In the CS131 Web Structure course, we explored the principles of responsive web design and how to build layouts that adapt smoothly across different screen sizes and devices. For my project, I applied these concepts by developing a website that helps users discover events in their local area. Alongside presenting the site itself, I also reflect on the process of designing and building it, including the challenges I encountered and what I learned along the way.

Tablet View



Phone View

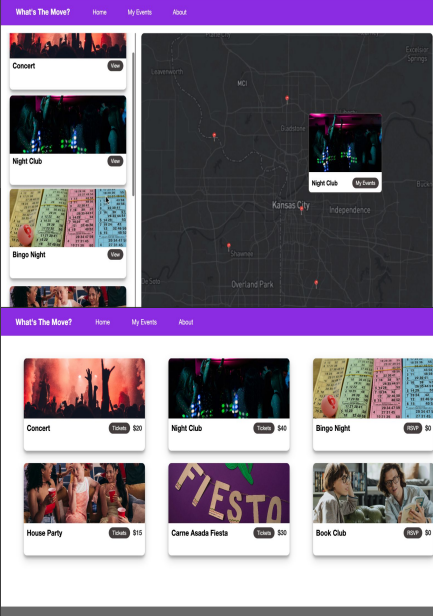


Reflection

I used Unit 3: Assignment C as an excuse to start building and trying out some ideas for an application I had thought of named "What's The Move?". The main idea behind this application was that users would be able to browse events in and around specified locations by scrolling through "cards," with the added feature of an interactive map. The map would allow one easy access to the distance and time it would take one to get to the event, while also allowing the user to see any events happening at a chosen time frame. Of course, I still have many ideas on the drawing board for adding events, paying for events, advertising events, event filtering, etc. However, I figured learning how to build event "cards" and an interactive reserve ticket form was a solid first step.

When it came to the cards and navigation, I based the design on the "multi_fruit" examples given in Unit 3. From there, I not only had to use CSS Flexbox to improve spacing and media queries, but also to figure out how to create a side ticket panel that could pop in and out of the frame. The first challenge I faced was learning to create the side ticket panel without diving into JavaScript. To overcome it, I used the CSS selector: target. This allowed me to create an interactive sliding menu using CSS transitions. Other challenges I faced were finding a way to make the footer behave correctly so it stayed at the bottom of the page but still appeared after scrolling, as well as not losing the ability to scroll on the page entirely. To solve these issues, I had to adjust the flex layout and overflow properties.

Desktop View



If I were given more time, I would most likely try to add more features to my application. First, I would create and style new HTML pages, then link them to the navigation options. Secondly, I would add new inputs to the reserve ticket form, or perhaps sequential pages on such a form, that allow one to access the next section for reserving/paying for the ticket. Lastly, I would like to try out incorporating a filtering option for the events (e.g., by name, location, or type). Despite these possible additions, the current product and assignment allowed me to further develop my skills in CSS and HTML, while also giving me some satisfaction by turning such skills into a more realistic product.