Intro

This project sought The topic of our project was to compose a training manual about the PRT system in Pittsburgh among other forms of transportation. The manual was created to be used by all audiences, but especially students who may be new to PItt or the city of Pittsburgh. The goal of the website seekswas to help readers who struggle with public transportation the ability to navigate systems such as the bus system, trolley system, and bike system. Through this, they can hopefully navigate the city better.

Process Description

The project had multiple parts within it, from website coding to research to documentation. We were able to have a scrum meeting where we initially split into different groups with some focusing on the website while others focused on documentation like the READme and License. We also had group members who focused on research on the different transportation systems in the city, both through personal experience and online research, as well as a member who focused on grabbing images to use in the website. This allowed the group to function well in future scrum meetings as we each had a role to focus on, but also gave us flexibility to move to a different part of the project if needed.

        The main way we organized material was through GitHub. This provedwas a very useful tool as most members of the group had some experience with GitHub. There we updated our materials and images, as well as committed our work for the website, allowing us to better split up work and check on what others were doing. In addition, it also allowed us to help with suggestions on other parts of the project, as everyone could see what work was completed and what was still pending. I feel that our project turned out well. Despite most of us not having extensive HTML experience, the website had a solid design and functionality. The information was also very useful. Coming into the project I would have been a part of the manual's target audience, as I wasn't well versed in the public transportation system of Pittsburgh, but coming out of the project I am much more knowledgeable about these transportation systems myself.

Usability Study Description:

The usability study report google form was meant to get insight on what the audience thinks

about the design, consistency, and readability of the website. The first question I asked was how easy it was to navigate our website. Being able to navigate a website is one of the most important aspects of the website in my opinion, so I felt this was a good question to ask to make sure the functionality of the website was good. I then asked about the design of the site itself. I then asked if the website was consistent and if the text was readable. This gave me insight on whether the audience was able to clearly read the content in the website, in order to tell me if I should update the alignment or way information was displayed.

Results and Recommendations

Looking at the results, the general consensus was positive. On the questions about the ease of navigation and consistency of the website, all responses said yes. This means we did a good job of at least making sure our information was clear and the functionality of the website was serviceable. However, there was much feedback explaining what we could improve on. The main issues I saw were the alignments of the images and text, especially on the main page. The Q&A section's text should be more spaced out in order for readers to be able to see it more clearly, as well as updating the margins and padding of the site. The fonts of the questions and answers of the section could also be different to precisely distinguish them apart. Other recommendations included updating picture sizes and placement, allowing the images to enhance the text rather than clog up space on the site, as well as updating the links for the different pages on the site, as they have a different font and style compared to the rest of the website.

> I would change the style of the links for navigating each page

> Design of the website is nice and clear however it could be better with alignments, margins and padding. Q&A section could be better with extra space after each question. Same with steps section.

> The fonts are too bold throughout and screaming. For the Q&A section the question fonts should be different then the answers font to distinguish more.

> The images on the website could have been handled better. On the main page the images are placed randomly without any context. On other pages the images are too small. At least they should be clickable to view enlarged. On Pogoh page the last image is missing.

Appendix

Website: https://huyhuynh27.github.io/PRT-Training-Manual/

Github repository:

https://github.com/HuyHuynh27/PRT-Training-Manual/tree/master/training-manual-main

Google Form:

https://docs.google.com/forms/d/14gVGfASWumDAE1UvD9WsvBWZJSUmwD13iOyRtT9ejJ8/edit#responses

Abstract

This usability report documents the research on the PRT training manual. The manual will allow Pittsburgh newcomers to better understand the city's various modes of transportation. This will allow new students to betterbe able to navigate the city, allowing them to travel more efficiently. Being able to learn Pittsburgh's transportation will allow people to explore the city.