

UNIT 6: LIBRARIES

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What Work Was Done:

Using libraries is very essential part of programming. It speeds up processes ten folds and there are thousands o JS libraries that have different functionalities that can be used in your own website. Why do more hard work when there's someone else that has created a public library for you to utilize. The mentioned library in the lesson was JQuery. JQuery has many functions and use cases but its most popular usage is to animate and make the webpage more interactive. This was predominantly used for the main page as it already did not have any JS. I used the libraries to animate the fade in appearance of the slogan. This adds a nice touch to the page loading as its subtle but elegant. I also used the hover attribute in the library function which changed the button colors as the wife hovered over it. This makes clicking the buttons easier as well. Lastly, I created two buttons one as a plus and one as a negative. This is used so when they are clicked it will modify the font size of the 'About the Author' writing depending on if the user wants to see it larger or smaller. There is also a maximum limit to what the font size can be.

Relating to Personas:

Other than it makes the website look cool the most usable JQuery function I used was the size changing buttons. This is extremely helpful for people like Ron that are in the elderly age and may have trouble seeing small characters. The buttons allow Ron to adjust the font size to his liking and what is most comfortable for him.

What Went Well and What Didn't:

JQuery syntax seems very different. It uses a lot of '\$' and takes some time to get used to. After looking at many examples like on w3schools I managed to use those functions to my website. The font sizing was a little tricky because the as the font grew, I needed to make sure the button positioning can change accordingly.

Mapping Activities to Learning Outcomes:

Learning outcome: JQuery to create dynamic pages.

- **Evidence:** JQuery library was used to create a dynamic webpage and animations.
- **Self-Grade:** A

