

Assignment 8 Write-Up
Final Project: Consent for Kids
Ritu Parekh, PUI Fall 2018 Section B

Part I

This tool is intended to help parents introduce the concept of consent to young children aged 3 - 5. The main goal is to help children understand what consent means, why it's important, as well as what it does and does not look like. It aims to do this by exploring related topics of bodily autonomy, nonverbal signals, and safe vs unsafe touch. These concepts will be introduced and explored using short text, illustrations, and animations in a storytelling format.

Part II

- Hover over images on homepage to play animation
- Click on image or text under image on the homepage to go to the corresponding module
- Click on home icon to go back to home page
- Click on any three of the links in the orange navigation bar to get to the corresponding section of the *For Grown Ups* page
- Click on any of the links provided in the *Other Resources* section on the *For Grown Ups* page to visit that resource
- Click on the Yes or No thanks buttons on the module page to play the corresponding animation
- Click on To the Top! Or Back to Home! to navigate without scrolling to the top of the page

Part III

Name of tool: Animation using CSS

Why that tool: I wanted to use animations, and because I wanted to animate my SVG illustrations in very specific ways, it fit my needs best.

How was it used: It was used to animate components of my illustrations (rotating arm, disappearing/appearing elements, etc.)

What does it add to the site: It adds motion to the site which makes it more engaging for children.

Part IV

Due to feedback from user testing as well as general refinement of the idea, there are significant changes to the layout/formatting of the site.

1. The home page now contains the various modules and links to the sections of the parent's page rather than having a button for parents and for kids to direct them to their respective pages, thus reducing an unnecessary step.
2. The parent page does not have images next to the text because it is unnecessary and furthermore the text blocks are of different lengths and therefore would need the images to be of different heights. Instead the text has sub headers and images are interspersed in the page.
3. I considered changing the module page to be a single page rather than scrolling by having all images/animations within a window and having the user get to the next one by pressing next. I decided not to do that because it introduced unnecessary complications in the interaction.

Part V

This was my first time utilizing Bootstrap. It took me a while to understand the Bootstrap documentation, however the use of rows and columns was pretty easy to implement. I had significantly more trouble utilizing the nav bar feature of Bootstrap in terms of formatting elements in the nav bar. Various sources presented various methods of utilizing it, but for one reason or another my code would not execute in the expected/desired manner. Eventually I was able to get it to be more or less what I wanted. I also ran into a decent amount of trouble using the hover feature of JQuery, but after significant googling of implementations of the function was able to figure it out. It was also my first time using animations which was intimidating but thanks to Google and a peer, I was able to animate my SVGs pretty well.

Future Work

This is a topic I'm quite passionate about and so plan to continue working on this project on my own time. There are a lot of things I still want to add and change, but here are some:

- Make the illustrations on the home page into animations when on mobile or tablet
 - Make the animations run only when the user scrolls to it rather than an infinite loop
 - Fixed nav bar at the top of the page (or at least the home icon)
 - Create the other 3 modules
 - Do user testing and make content and design changes as indicated by the feedback
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Sources

Icons

House:

`<div>Icons made by Freepik from www.flaticon.com is licensed by CC 3.0 BY</div>`

Menu:

`<div>Icons made by Chris Veigt from www.flaticon.com is licensed by CC 3.0 BY</div>`

GIF Maker

<https://ezgif.com/maker/ezgif-4-f445765c-gif>

Web Sources

<https://getbootstrap.com/docs/4.1/getting-started/introduction/>

<https://getbootstrap.com/docs/4.1/components/navbar/>

<https://getbootstrap.com/docs/3.3/css/#responsive-utilities>

<https://medium.freecodecamp.org/learn-bootstrap-4-in-30-minute-by-building-a-landing-page-website-guide-for-beginners-f64e03833f33>

https://www.w3schools.com/bootstrap/bootstrap_navbar.asp

https://developer.mozilla.org/en-US/docs/Web/CSS/Media_Queries/Using_media_queries
https://www.w3schools.com/css/css_display_visibility.asp
<https://codereview.stackexchange.com/questions/118408/changing-images-when-hovering-over-links>
<http://api.jquery.com/attr/#attr2>
<https://api.jquery.com/hover/>
<https://stackoverflow.com/questions/540349/change-the-image-source-on-rollover-using-jquery>
https://www.w3schools.com/jquery/event_hover.asp
<https://css-tricks.com/svg-line-animation-works/>
<https://stackoverflow.com/questions/15066411/animate-progressively-drawn-dashed-line-html5-canvas-jquery>
<https://stackoverflow.com/questions/22672368/how-to-make-a-transparent-html-button>
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<https://css-tricks.com/transforms-on-svg-elements/>
<https://css-tricks.com/css-keyframe-animation-delay-iterations/>
https://www.w3schools.com/css/css3_animations.asp
<https://stackoverflow.com/questions/6802474/vertical-align-on-h1-just-wont-work>
<https://codepen.io/manabox/pen/bagko>

People

Asit Parida - MHCI 2019

Cole - PUI Sec B TA

Process Documentation



