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Part 1:
The purpose of the website is to educate people about the evolutionary psychology concept known as the triune brain model, and how this illustrates the biological underpinnings of how we as humans experience love and emotion today. It is an engaging method to educate individuals about human emotion and allows for those without higher education to comprehend this information. It takes the user through a journey of how the human brain has evolved through the three stages (reptile, mammal & neocortex) as they scroll down through the site. The user is able to view the gradually evolving image and understand the key points at each stage. They are then taken to the second portion which explains why humans are capable of feeling love today. The information conveyed is an explanation of the triune brain model, the three phases and an explanation of how humans have the capability of experiencing love differently to other animals. The target audience is students or anyone interested in learning more about evolutionary psychology in a visual and engaging manner, as opposed to a dense journal article which can be difficult for the mass to grasp.

Part 2:
- The website consists of one standard webpage, which keeps unfolding as the user continues to scroll down. As the user scrolls, the next phase in the explanation is revealed.
- After being taken through the three phases of the triune brain model, the user comes to an interactive model of the brain. The user can use their curser to move around the brain model, as well as zoom in closer to understand the overall layout.
- At any point, the user may then wish to go back up to the top of the page, he can use the menu icon on the top right to navigate throughout portions of the site without having to scroll up all the way manually.
- There is then a questions form, where people can leave any thoughts or questions they have about the explanation
- All still images and illustrations were created by me

Part 3:
a)
i. Bootstrap
ii. This was an appropriate framework to ensure a clean grid layout as well as offer responsiveness for the website on different screen sizes. The pre-set columns and rows helped organize content in an efficient manner.
iii. This was linked to the main index page and classes were used to created the necessary rows for different sections of content.
iv. This provided a clean grid layout for the overall website, to ensure all the content was centred throughout the site. This grid would be maintained with a reduced screen size and ensure the viewer could still read everything and view the images.

b)
i. Lozad (JS library)
ii. I wanted a tool that would delay the loading of images on the page. This would allow for each part of the model to unfold only as the user began to scroll down.
iii. I had to download and install yarn on my computer first, and then I had to link the JS library at the head section of the index file. I accordingly added the 'lozad' class to the images that I wanted to apply this lazy load to. The class was instantiated in my javascript file when the document loaded.

iv. The purpose of this tool was to provide a smooth viewing experience for the user without being too overwhelmed with too much information at one time. They could feel as though they were gradually being taken through each phase as they scrolled down the page.

c)

i. Anime
ii. I wanted to learn more about minimal text animation and add minimal text animation to make the site more engaging for viewers.
iii. I was able to add the class name to the text elements in my html code for animation, and then the animation written in the js file to execute.
iv. I wanted to include very minimal text animation to add some vitality to the overall site. However, as this was an educational tool I made sure to keep it simple and professional.

d)

i. jQuery
ii. As the site was only a single scroll page, it needed a menu in a fixed position to allow the user to move to different sections on the site without having to manually scroll all the way up.
iii. This was used to create a function in the js file that would show a menu to redirect the user to a different section on the page when clicked.
iv. This gave the user the necessary freedom to move throughout the site in an efficient manner. Also if the user was returning to the site, they could use this menu section to quickly jump ahead to another section rather than having to manually scroll all the way down.

Part 4:

From my first mockup, I decided to opt for a dark mode color scheme for better visibility of the brain sketches as well as create the appropriate mood for learning about how we biologically experience human emotions. In my original design, I wanted to have a jagged scroll bar on the ride side of the page which would keep updating as the user scrolled down, however, when coding the site I was able to change this to a simple hamburger style menu which would be easier to users to understand and already be familiar with. Also, this simple hamburger menu button is more appropriate for a responsive website when being used on a smaller device. I also decided to include a question section at the bottom of the website, where users could leave any questions behind and be able to receive a personal response.

Part 5:

The main challenge I faced during the coding of the website was finding an appropriate method to allow for the images to slowly load only when the user scrolled to that portion. I had to explore different options and landed upon the JS library lozad, which was the functionality I was looking for. I faced the challenge of not knowing how to implement this, and was only able to make it work after installing yarn. I had to then accordingly instantiate the class in my js file, test it through the console and find the correct time duration for a smooth fading effect. I was able to learn more about implementing js libraries and being able to tailer the javascript to fit my desired functionality.