This website works as a personal dietitian and body trainer for our user. I encountered several difficulties during this process. The first problem that stuck me was that the table. I used many table in my site. I can master how to code a table now but it is still hard and complex to adjust the size to fit each other section. Because I want to make the table clear and neat, so I have to work on every detail such as the size, the color, the position and so on. I modified the position of the icon heart and the button “add” so many times, because once the position of every single part is changed, other parts have to be changed accordingly. So it really took me long time to work on that.

Secondly, I set many parts for users to input something. At first I don’t know how to do that. So I learnt <input> and it also took me a while to figure it out how to make the input part prettier and better fit into my site.

Based on what I mentioned above, website layout is quite troublesome and time-consuming. I need to pay great patient and attention to that. But when I’m done all they layout, I’m so happy then.

What troubled me next was the bootstrap carousel for slideshow. At first, I just used one picture which seemed boring. However, there was no other space to arrange more images. So it made me think how to show a series of images for cycling so that it would be interesting and save space. After I googled this question, I found bootstrap Carousel quite helpful. So I learnt it myself, and used this component in my html to cycle three images. To control the interval, I used **data-interval="3000"**, and it really worked well. But one more thing still bothered me. I didn’t know how to change the size of these slides. I tried many ways but failed still. I am still working on this problem now.

The fourth problem is JavaScript. I really like JavaScript because it adds multiple effects to my website. However, to make it suitable and useful is not as easy as I imagined. I used two JavaScript effects. The first one is a pop up window. Because I want to open a new window for users to sign-in so I need to use the code "\_blank". I want it to display a toolbar on my new window so I used “toolbar=yes”. I want to make it a horizontal and vertical scrollbar so that the content can be fit into a specified area, so I used “scrollbars=yes”. At first the new window is small, and I want user to make the page larger screen by themselves, so I set “resizable=yes”.

The second JavaScript effect is magnifying image. I used the code

<script>

function bigImg(x) {

x.style.height = "180px";

x.style.width = "180px";

}

function normalImg(x) {

x.style.height = "100px";

x.style.width = "100px";

}

</script>

So I need to set my original image as large as the normalImg, and set the expected size a larger one. So, one my mouse hover over the image, it will be magnified.

For the final project, I changed a new topic and added JavaScript. Compared to midterm project, I think the final one has clearer layout and definite goal. However, I still want this site more interactive. In order to fulfill that I have to know how to store user information and records so that I can give corresponding information and guidance based on their personal data. So I hope I could learn more and make this website better.