

## **Assignment 4.7**

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I have a couple of achievements from this course and this complex assignment, the biggest one is that I learn how to develop a website and what are the duties and tasks in different stages. In my view, this assignment is a typical website development task which generally should be split into three parts: Business analysis works, UI design works, website development works.

The assignment 1 focus on the business logic, it means that in this stage, I need to think about what the website will be? How many components should be included, verification about the layout of website is an important task as well. I found that wireframe is a very good tool in this stage, it can help the author to think about the whole website in a high level and avoid to think the details in the very beginning stage.

The assignment 2 and assignment 3 is about UI design works. The assignment 2 focus on the HTML tags and relative component, the assignment 3 focus on the CSS which should be applied to control or change the style of one HTML file. I found that the UI design works should base on the wireframe, it means that if the output of assignment 1 is not sufficient, the next works will be tough.

The assignment 3 is about website development using Java Script which is a popular language in front web site. I have some experience in Java, but after this course, I found that Java Script is a totally different language from Java. The advantage of JS is that it can populate the HTML and CSS tags easily. There are a couple of frameworks like JQuery which is one of the hottest JS library.

In conclusion, from this course, I learned the follows:

1. How to design a website in concept stage using tools such as wireframe
2. How to develop a website using HTML 5 tags
3. How to change the style of one HTML using CSS technology
4. How to add business logic and animation into one HTML using Java Script

If I have opportunities to re-start this task, I will be more confident to do this assignment because I got some experiences and I can overcome the drawbacks which I made in this assignment. For example, in assignment 1, my wireframe is too simple because I did not have so much concept about the importance of wireframe in the business analysis stage. When I entered the assignment 2, I found that I could not start to develop using HTML because the output of my assignment 1 is too simple and could not provide sufficient information.

Another example I need to improve is about class for each HTML tags. At the very beginning of assignment 2, I did not assign a class for each HTML tag. It worked well as a HTML file. But when I entered the assignment 3, I found that almost all of the HTML tag needs a class attribute in order to control their style using CSS. So I had to modify the HTML file in assignment 3 which is not encouraged in the assignment requirement.