

## Assignment 10 - Self Reflection

Jin Yuyang 1155128201

My original intention of taking this course is to learn some basic web development knowledge. Before this course, I have never been exposed to any Html, JavaScript and CSS thing, therefore I thought this course must be a big and interesting challenge. However, after one semester of study, I found that I gained far more than coding.

The first and most important point is that I have mastered the idea of combining computational thinking and design thinking. It is critical to have a clear and structured understanding of what I'm going to do. In terms of developing new media products or service, now I know the whole process of empathizing, defining, ideating, prototyping and testing, and how to present these steps in a computational way. Therefore, when I was working on my final project, I knew exactly what to do at each stage.

Secondly, I think that problem-oriented is also necessary. Take my final project as an example, when I decided to do a K-pop concert-themed website, my most important problem was to find out who would like to browse this website? In what contexts will they use this website? What information do they use for information? What kind of information do they want in different contexts using this website? Etc. So, as a

developer, the process of developing a product is also a journey of continually framing and solving problems to meet user needs and improve user experience.

Thirdly, I do master the fundamentals of web development with basic knowledge about Html, JavaScript and CSS as I expected. Additionally, I learned to use many effective tools which can be used in different aspects, including keyword search, data scraping and cleaning, visual design and performance tracking. With these knowledge and tools, I can better present appropriate and comprehensive information and tell attractive stories to users on the Web in multiple ways.

Last but not the least, I don't think I have fully digested what I have learned this semester. After finishing my final project and promoting the website “Seoul Concert Map”, I received many feedbacks. Users want more functions on the website, such as real-time weather and traffic, recommendations for specific restaurants and accommodations, a comment area for visitors to communicate with each other. However, I could not fulfill their needs due to limited skills. Therefore, if I really want to be a new media products developer, I should learn more fundamentals web development to meet users needs more deeply.

Overall, I have not decided yet whether to continue the second part of this course next semester, but no matter what, I have learned a lot of useful knowledge and skills from this semester's course. Thank you for your kindly support.