# Self-reflection

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After a long-time reviewing and coding, I finished my final website and made a reflection over the past semester. During the time I was working on my final project, I made a comprehensive arrangement on what I have learnt this semester and what each lesson is for. As I what I learnt from each class can be regarded as "paragraphs", the final project brought me an opportunity to arrange them to a real "article". However, I also met some new problems in my final project that I never met in my assignments: like UI design of my website, insert of plenty of javascript code, and even the format of my final uploaded documents in Github. Luckily, I got through these problems under the help of note, course video and some tips from my friends. It brought me a strong sense of achievement after I finished my final website. Besides, when I finished my final report on the website, I also reviewed and formed a chain from the every beginning of a product design stage to its end: to define targeted users and their problems, to make the prototype and design the product, to the final test. I think I have gained another way of thinking: to think in a more rational and logical way, and take the importance of data into consideration. Besides, "people" is always the core of our products design.

Besides the final project, I also reviewed my learnings during courses in the last semester.

1) Learning basic knowledge on html, css and javascript.
2) Learning fundamental utilization on technical tools like using airtable to record/arrange data and rich forms of website, using google analytics to monitor websites, and learning concepts like A/B test.
3) Learning to adopt design thinking together with computational thinking, try to change my sights from a user to a developer.

However, during my study process, I also met some problems. In the first several weeks, it takes me some time to open the gate of coding and change my way of thinking. Actually I cannot link lessons to a complete system at first, I just learnt from the course but I don't know why I need to take this course, and how this course or technical tools contribute to the final project and what "design thinking" & "computation thinking" that always mentioned really works for. Things changed in the third week and I gradually got to know the whole course is surrounded with the five stages of designing a product, and basic knowledge of front-end really leads me the way to a new world.

Moreover, I also found this kind of thinking way is common in different fields. And this semester even when I worked on marketing cases during interviews, design thinking and computation thinking still plays an important role. Such systematic thinking on working with a project is something that I never learnt from my past experiences even like courses and internships, so I am really really appreciated and thankful to what I learnt this semester. Not only is the coding part and application of technical tools like ParseHub, airtable, google analytics etc., but also ways of thinking.

And I am really looking forward to get the opportunity in the next semester on working on a real existing project in business world through new technical tools and coding knowledge!