

## DBB100 Reflection challenge 2

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The goal I set the previous challenge was, start thinking about my idea earlier, so I could change it over time. I think I've done quite well if you look at that goal. I had a clear idea about what I wanted to make in processing and what I wanted to use from the Arduino. The second challenge was also a lot more interesting I think. Because now you have the feeling you are really interacting with it and I liked that a lot, I enjoyed working on the challenge.

Unlike my idea, the concrete product took a lot more time. I really went into the first challenge so I thought I had quite some knowledge about the basic statements. Besides, in the second half of the course the working of the teensy was more highlighted than new statements in processing.

So after I practiced with the homework and the exercises over time I started to look into firmata. I used the breadboard, I bought one that was a little bigger, to make a prototype of my final product. The prototype worked so I started to make the prototype into a product. I decided to first solder the basis of the buttons and the resistor. At that moment I knew that my soldering is far from an excellent. I really struggled with soldering the resistors, and that was only the beginning. The solder came off all the time so I needed a lot of tin to attach it to each other, and that really costed a lot of time.

I was using the solder we had at home but I tried the solder we got from the starters kit as well. I found out there is special printsolder for electronics, but I think that the starters kit solder wasn't this special kind. So next time I'm going to buy the special solder. Overall I think that I did learn a lot, because in the end the soldering went a lot quicker and better-looking. I'm glad I practiced with it because it's a good start for an upcoming project.

I started quite early to work on the project and with hindsight I can tell, that was a good idea because it costed a lot more work to make the concrete product than I thought, so I want to keep that in mind for the next time.

When I had finished my challenge I looked up some other videos on YouTube and compared them to my idea and presentation of the idea. The thing that stood out in my opinion was the looks of the different ideas. The code was not always a lot more complicated than mine but it had a much nicer look. I criticized my product and I think I can work a lot more on the design the next time. When it looks more interesting people want to know how it works and get more interested themselves. During the making of my product I also encountered some problems. Especially with the assembling. I think I haven't fully puzzled out the way I wanted to make it. This is one of the reasons that the product looks a little less nice than it could have looked.

I kind of had the same problem with the course From Idea to Design, the only difference here were my teammates that could improve the design. I am more a person that looks at the contents of the idea or product, but the design is just as important. I think this needs to be changed. And that will change a lot in my way of working as a designer. I think this change is going to lift my grades as well, since it's still a design study. I want to change this way of working in the upcoming courses, I want to keep in mind that design is just as important but I also want to spend more time on making different designs and choosing the best one.

I think that I set a good result overall. Although I suffered some minor setbacks, I'm satisfied. I liked to work on the challenge and I think I have some clear goals about the next courses, that can change my way of working as a designer in a positive way.