Reflection

Smart teams on a smart pitch

Beforehand I expected that this course was helping me to get a better view how mathematical modeling could became useful in my designs. How to analyze data and improve visualizations of that obtained data. I hoped to get more knowledge about the design process beyond prototyping. What sensors can actually mean for the outcome of my design and especially how to get a valuable interaction between the user and my product. The eventual result was not totally what I hoped it to become. This in particular for my own group work. The course itself had a useful set up and supposed to teach me everything I wanted to learn in this course. With our own made design we had to analyze data and visualize it to sensitive value. This was new to me so a valuable development in means of this part. Furthermore during the first theoretical lectures showed me how sensors actually make sense in our world. How every specific sensor should be seen as a source of new interaction.Every design with its sensor(s)could interact with the user if it is used correctly. In this course I realized how sensors can make sense in every product. This should lead to big improvements in my design process.

Unfortunately, I thought to learn more and to deliver a better final product at the end of this course. I found it really hard to cooperate with the group I worked in, this for the first time. Individual work delayed a lot and I in particular had the idea that I had to wait on others in the project. Also the selection of sensors made it hard to accelerate in our hardware building part (which was not the main objective to learn in this course). We had a big delay caused by these two factors and this was the main reason of my shortcoming development. I think I could have learned more if these two did not affect our process that much. In my opinion we missed a lot of depth where other groups did not. At the final presentations I noticed that those other projects also helped me to get insights of further stages. These other groups supported me to be able to develop my abilities in this aspect of designing later on. So as goal for my next individual work, I want to apply the obtained knowledge to get a better picture of what users need in words of data visualization. How they are supposed to interpret my design in a better way. Let the user interact with my product as good as possible.