# Project Management and Teamwork – Self-Assessment

For the past few weeks, I have been working in a group of 5 called Order 66 and were appointed to create a web-based monitoring system for IoT devices that are connected to the network using HTML and JavaScript languages.

During this project, Order 66 started building the project using an ego-less and chief programming methodology. With each member of our team having different areas of expertise, we felt this would be a productive way to design and implement the system during the short amount of time we were received to complete it.

I played one of the lead roles in Research and Development for our team, this included researching similar organisations and giving the team specific design goals and requirements that they need to fulfil by the deadline. Furthermore, I was assigned to find the target audience for our project. The reason we did this was to develop a system that meets the correct requirements for the audience that are interested in our product.

During the start of our design process, I researched about the smart industry to get a greater idea of what our consumers are interested in regarding our system. I used informative graphs on Google Trends to find proof that the smart industry is growing, which assisted our team in gathering relevant data to get the right user requirements for our system.

Another research and development task I was given was to help create the surveys to get a better understanding how aware the public are regarding smart devices. Our team generated a large survey of 100 people with diverse ages and preferences regarding IoT devices. We asked them all 8 questions and used that data to have a greater idea of our project target audience.

I believe that the most difficult part of this assessment was the beginning of the development process, this is because every member of the team had dissimilar experience in HTML, CSS and JavaScript languages. This caused our team frequently to meet up to assign members with main roles to complete specific tasks such as implementing CSV files onto our system. However, after a few meetups, our problem was easily solved and we could move onto the next tasks.

I also helped with the code implementation if my colleagues needed assistance. These things included using HTML and CSS to make the appearance of the site very minimalistic and accessible for our target audience.

Overall, I am very happy with how our team got together to design and create the first prototype of our system. Our team met up frequently to complete the assignment, had excellent communication and help was quickly provided by other members if they were having trouble completing a task.