Individual Statement
Assignment 1

The artifact I have chosen from my discipline (engineering and computer science) is the 14th element silicon. Silicon by itself is not that interesting but by combining it with other elements interesting electrical properties can be observed. In engineering it was realised that using silicon and it's interesting properties electronic switches could be made. From switches, logic gates could be formed, from logic, calculators, from calculators, computers. Now millions of silicon switches flicker on and off in order for me to write my assignment. In my discipline we use science and mathematics as tools to design products, infrastructure and systems. We breakdown down problems and combine solutions in order to create complexity. I believe that my ability to use and understand these tools could prove useful to our team.

Design and the frameworks that surround it are important part of my work life (working in fashion design and app development) and discipline. My approach to design is something that has developed over my life span and continues to do so. In my experience of design I have learnt the importance of defining and clarify the problem, breaking the problem down into easier sub problems, experimentation and evaluation. I have learnt that the design process often leads to failures but with it comes insight to step back and approach the problem from a better angle. I am confident that my experience in design and perserverance will prove useful to our group.