**SysEng 6104 Project Task I**

**Scoping the Customer Need as a System**

1. Provide a need statement of the system of your choice around 200 words.
2. Using the concepts discussed in details in chapter 2 of System Architecture book by Crawley, Cameron and Selva answer the flowing questions.
   1. What is the capability of your system?
   2. What are the functions of your system? How many basic functions are designed into the system?
   3. What are the relationships between functions and capability of your system?
   4. What are the key performance attributes of your system?
   5. Adapt the below Kiviat chart to the key performance attributes of your system.