Design Homework

HW 1:

1. Take a problem from one of your engineering science courses or texts and add or subtract things to frame it as more of an open ended design problem. Include the original problem statement and the new one.
2. This is a good time to determine your background and what skills you can bring to a team.
   a. First, fill in the blanks in this sentence describing positive traits you bring to the team by using 5 single word adjectives, “Student Name is _____, _____, _____, _____, and _____.
   b. Convey your professional experience, programming skills, and other special skills pertinent to design in 2-3 sentences.
3. Generate a QFD for the design of an everyday device, like the phone example in class notes.
4. Create a process chart for a routine task like washing your hair or making breakfast. Create a flow chart for the task. Make sure to identify possible delays and address how to shorten the lag time.