Practical Uploadable Problem Set # 11 Documentation

Remember when doing this problem set:
- Problems must first be completed individually, and then group effort starts with peer review, then:
  - With your Peer Review Evaluation Partners and no talking, review each other’s work.
  - THEN discuss and make changes as needed.
- It is important the teacher see the original work, the PREP comments and then any changes needed.
- All math should also be done with a spreadsheet or Matlab script, so you can easily play “what if”.

Problem (Opportunity!):
Congratulations, you have ideally successfully completed a deterministic machine design process, and have sketches, calculations, computer models, physical models, and the complete assembled and tested machine! Its time to document and tell the world (and your future employer) what you did and how.

1. Write a design report (thesis format is good) which can essentially be based on all the PUPS problem sets. (5 pts)
   a. Its important to point out what worked and didn’t, and how you recovered and revlved the design.
   b. Create an “owners manual” for the machine.
2. Update your website (again, you could have chapters in the development process be presentations made from the PUPS problem sets). (5 pts)
3. Celebrate! (I suggest a nice long reflective walk or run 😊).