A Proposal for a Reference Design of a Photoresin Additive Manufacturing 3D Printer

1. Introduction- Daniel
2. Discussion of Additive Manufacturing- Casey
3. HoQ, Constraints & Design Basis (Standards)- Chance
4. Discussion of Photoresins and Digital Light Processing Projectors- Chance
5. Discussion of Mechanical Systems Design- Jeff
6. Discussion of Print Control Software- Daniel
7. Discussion of Software-Hardware Interface- Nick
8. Discussion of Stepper Motors and Their Use in 3D Printing- Casey
9. Testing- Jeff
10. Project Logistics- Daniel
11. Conclusion- Daniel

Each person’s section:

1. Intro Paragraph
2. Specs
3. Literature Review
4. What/How we are doing-details
5. Conclusion Paragraph