**Work Breakdown Structure (WBS)**

1. Preliminary Work
   1. Examine problem statement
   2. Research
2. Zoning In
3. Finalize problem statement
4. Create full list of objectives and constraints
5. Rank objectives
6. Create metrics
7. Create objectives tree and determine functions
8. Brainstorming for Design Alternatives
9. Discuss about design alternatives
10. Create sketches for design alternatives
11. Picking a Design
12. Use metrics and objectives tree
13. Compare and design alternatives against metrics
14. Choose final design to present on
15. Final Report
    1. Discuss with members about our thoughts and experience
    2. Write a report concluding our discussion
16. Presentation to Client and class
    1. Write a presentation script
    2. Time and rehearse the presentation in advance
17. Overarching Work
18. Organize meetings
    1. Discuss about each members’ work every session
19. Distribute roles within group members