Introduction

1. Problem Statement
2. Background information about the project.
3. Design Plan
   1. Work breakdown structure and PCM
   2. Define objectives, constraints, and objective trees
4. Research
   1. Researching the present problems of NPU through online documents
   2. Researching about the NPU room
   3. Interviewing with the medical team
   4. Reviewing the special lecture
5. Description and evaluation of design alternatives
   1. Details and models of alternatives
   2. Metrics for choosing among the alternatives.
6. Final Design
   1. Detailed Description of chosen alternative.
   2. Description of predicted outcome of chosen alternative.
7. Design Evaluation
   1. Consider of constraints
   2. How well design meets objectives
   3. How can this design can get better
8. Works Cited

Appendix: Work Breakdown Structure

Appendix: PCM