

Project Name

(Any Subtitle if needed)

Project Report
(Group Number)



The University of Texas at San Antonio
One UTSA Circle, San Antonio
TX 78249

Title:
Project Title

Course Title:
ME1403: Engineering Practice and Graphics

Project Period:
Spring 2018

Project Group:
(Group Number)

Participants:
(Name of Group Members)

Date of Completion:
(Date of Submission)

Table of Contents

Abstract

1 Introduction

- 1.1 Problem Formulation
- 1.2 Concept Design
- 1.3 Configuration Design
- 1.4 Solidworks

2 Methodology

3 Analysis

- 3.1 Parametric Design
- 3.2 Detail Design

4 Discussion and Results

- 4.1 What went well?
- 4.2 What didn't go so well?
- 4.3 What could've been done better?

5 Conclusion

Bibliography

Abstract

(Summarize the entire project. This will include the problem statement, a brief overview of the methodology and what your final product should be. Between 4 and 6 sentences. Check the Abstract Tips presentation provided from senior design course for writing this part.)

Chapter 1: Introduction

(Talk about the problem statement. i.e. what was the requirements of the project, NOT how you solved the problem)

1.1 Problem Formulation

(Talk about the problem statement. I.e. what was the requirements of the project, NOT what you how you solved the problem)

1.2 Concept Design

(Talk about all of the ideas initially considered, challenges faced during execution or project completion.)

1.3 Configuration Design

(The final design you choose to create and why? (Overview))

1.4 Solidworks

(Tell us what it is and what it does (Background of Solidworks).)

Chapter 2: Methodology

Overview of all sections in Methodology section (2.1-2.6) (1 paragraph)

2.1 Week 1

Describe the week's submission and what difficulties you faced

2.2 Week 2

Describe the week's submission and what difficulties you faced

2.3 Week 3

Describe the week's submission and what difficulties you faced

2.4 Week 4

Describe the week's submission and what difficulties you faced

2.5 Week 5

Describe the week's submission and what difficulties you faced

2.6 Week 6 (Final Assembly)

Chapter 3: Analysis

3.1 Parametric Design

Talk about any parts that had to be re-dimensioned. If you had more than 5 parts, explain why you had to correct so many parts. Also if more than 5 parts, include at least 3 that were re-dimensioned. If 4 or fewer parts were re-dimensioned tell me which ones and why.

3.2 Detail Design

Talk about the final design. IS everything included that you wanted? If not, why not?

Chapter 4: Discussion and Results

4.1 What went well? (1 paragraph)

4.2 What did not go well? (1 paragraph)

4.3 What could have been done better? (1 paragraph)

Chapter 5: Conclusion

Summarize the project and talk about what you learned from the project in one paragraph.

Bibliography

1. Reference the SolidWorks book here (any format, but MUST be a correct referencing format)
2. Reference from where the blueprint or the sketches of the vehicle were attained.