

# 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)

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## **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.