

## Project Name

Team member names

Course title

Date

### Introduction

Provide a brief description of the general problem faced by deminers. Highlight the aspect of the problem that has been addressed by you or your group.

### Design

Provide a brief description of the design you have developed and how it would be used. Highlight the principle features that enable the design to address the problem stated in the overview. Identify the three or so key customer requirements that drive the design. Identify any known marketing issues that may influence acceptance of the design. Minimally, include a picture of the final prototype.

### Testing

Briefly describe the experiments or tests that were performed, include information on experimental conditions. Summarize the results, including comparisons to any controls that were used. Rate the overall performance of the design or solution selected. Include pictures when possible.

### Manufacture

Discuss the manufacture of the prototype verses the intended manufacture of the final design. Indicate desired manufacturing methods and materials. Highlight any critical manufacturing aspects, such as those aspects that strongly influence safety, performance or reliability. Identify key specifications that should be met in the manufacture of the design.

### Future work

Outline the future work that needs to be done to complete this project. This work may include addition design efforts, prototyping or experiment. Identify any outstanding concerns that should be addressed.

### Appendices

Include an appendix for each category of substantial information that should be preserved for future use on the project. Use one catchall appendix if there is limited information to pass on. Possible topics for appendices include existing solutions, concepts considered, primary scenario used, intermediate prototypes and detailed experimental data.