

PROJECT SN:

PROJECT TITLE:

1. Introduction

Discuss the background and NEED for the work. Include background research and literature (with figures) as much as possible to make your case. This section justifies the work and sets the stage.

1.1 Empathize/Background Information

Research: cite field data and literature. Show an understanding of the overall issues that need to be addressed. (Domain Overview Outline current technologies, market, and reference products, gap, standards, and regulations, any applicable standards, and safety/performance requirements.

1.2 Specific Objectives

List objectives aligned to competition outcomes. Note that we are dealing with innovation.

2. Method and Requirements

2.1 Method

Discuss how your team progressed from the need to functional requirements, to design requirements, to evaluation requirements.

2.1 Functional Requirements/Problem Statement

Be specific about the issue being addressed in this particular project in one paragraph.

2.2 Technical Requirements

Every engineered solution must have scope and technical requirements.

List the technical requirements, provide an explanation or meaning, and explain how your team will assess each requirement.

2.3 Evaluation Criteria

Every engineered solution must have alternate solutions/conceptual designs.

List the evaluation criteria/requirements you will use to select the final solution/design among competing concepts. Provide an explanation or meaning, and how your team will assess each one.