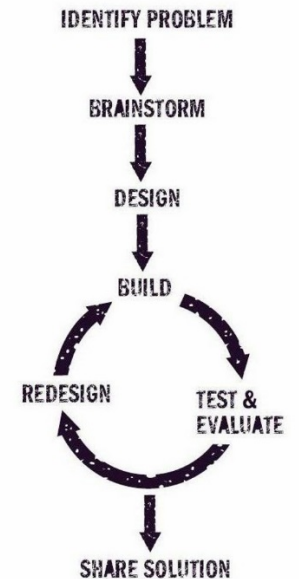


# CASEF JUDGING SCORESHEET ENGINEERING PROJECTS

PROJECT # \_\_\_\_\_

Engineering Project Category	Guidelines	Points Available	Points Awarded
<i>Project Definition</i>	-Description of a practical need or problem to be solved -Definition of criteria for proposed solution -Explanation of constraints	10	
<i>Design and Methodology</i>	-Exploration of alternatives to answer need or problem -Identification of a solution -Development of prototype or model	20	
<i>Execution: Construction and Testing</i>	-Prototype demonstrates intended design -Prototype has been tested in multiple conditions./trials -Prototype demonstrates engineering skill and completeness	20	
<i>Creativity</i>	-Degree of independence in conducting project -Project demonstrated significant creativity in one or more criteria	10	
<b>Presentation</b>			
<i>Display&amp; Research Paper</i>	-Logical organization or material -Clarity of graphics and legends -Supporting documentation displayed	15	
<i>Log Book</i>	- Available for review - Chronological account in ink - Discarded entry crossed through but visible - Evidence of thoughts on alternatives, solutions or further investigation	15	
<i>Interview</i>	-Clear, concise thoughtful responses -Understanding of basic science relevant to project -Quality of ideas for further research -Recognition of potential impact in science, society and/or economics - <b>TEAM</b> shows coordinated effort	10	
<b>Total</b>		100	

## THE DESIGN PROCESS



Judge's Number: \_\_\_\_\_

### AWARDS

**First:** 90 – 100 **Second:** 80-89 **Third:** 70-79 **Honorable Mention:** 69 or below