Decision Analysis Matrix

1. Fill in your design objectives (goals) and weight each goal on a scale of 1-10 based on its importance; 10 being the most and 1 being the least important.
2. After all team members have presented their design ideas, use the numerical system below to score each design against the constraints and objectives.

   3 = totally meets the goal   2 = somewhat meets the goal   1 = does not meet the goal

3. Add the values for each design to determine a total score. The design with the highest score may be considered the "best." Keep in mind though, that some of the scoring is based on opinion, so if two designs have close values, you may want to consider these designs a little more deeply, or combine their best attributes.

Goals (Constraints and Objectives)	Weight	Design 1		Design 2		Design 3		Design 4	
		Name_____		Name_____		Name_____		Name_____	
		Score	Value (weight x score)	Score	Value (weight x score)	Score	Value (weight x score)	Score	Value (weight x score)
TOTAL VALUE		Sum of values: _____		Sum of values: _____		Sum of values: _____		Sum of values: _____	

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