Project Deliverable C: Design Criteria and Target Specifications

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Number	Need	Design Criteria
1	A program that runs efficiently	Executable No Glitches or Bugs
2	Engaging, interactive, crowd prompts	Team information Crowd prompts Sponsor Information
3	Easily configurable	Adjustable Values Modular
4	Modern and clean design, following new up to date trends	Modern Neat
5	Options to display are clear and easy to select/ accessible	Intuitive user interface
6	Software must be organized	Modular

	Design Specification	Relation	Value	Unit	Verification Method
	Functional Requirements				
1	Executable	=	Truth	N/A	Test
2	No Glitch or Bugs	=	Truth	N/A	Test
3	Adjustable Values	=	Truth	N/A	Inspection
4	Intuitive user interface	=	Truth	N/A	Test
5	Sponsor Information	=	Truth	N/A	Inspection
6	Reliability	=	Truth	N/A	Test
	Constraints				
1	Cost	<	50	$	Analyze
	Non-Functional Requirement				
1	Modern	>	2010	Year	Inspection
2	Neat	=	Truth	N/A	Inspection
3	Aesthetics	=	Truth	N/A	Inspection

Reflection on Client Meeting

Prior to the client meeting, we are aware of the 8 project directions from “Team Setup” to “Crowd Prompts”. The project description has provided sufficient information about the expected outcome but very minimum about the platform and equipment being used. The client meeting allowed us to understand the parameters of the project, and gain a better understanding of certain design specifications. Functional requirements of the product include how adjustable and reliable the system is, that there are no bugs to delay the program, and that the user interface is intuitive and easy to use.

The client made it clear that fan experience was very important, so we put a high emphasis on the reliability of the program. It will be detrimental to fan experience if there are technical difficulties during the event, so we are prioritizing reliability and program stability. Non-Functional Requirements include the appearance of the finished product. This involves how modern and neat it looks (customer need), and the overall aesthetics: Is the board something people want to look at? Do they think the designs are new/innovative/engaging?...