Assignment 2 – Prototype Refinement (Group #)

Criteria	Details	Rank (0-5)
Design Optimization Brief		
Design Optimizations	Clearly outlines the necessary design changes for the refined prototype AND production-ready version. Adequate justification is provided for all design changes. Optimizations are correctly categorized as primary & secondary features.	**(X2)**
	All design changes are reasonable. All obvious design changes are introduced. Justification is provided for not implementing all obvious design changes.	**/10**
Simplifications	Any over-engineering from previous design is simplified for the refined prototype and production-ready version.	**(X2)** **/10**
Technical Correctness	All Design Changes include *HOW* the design change will be implemented.	**/5**
Engineering Standards	Relevant standards are discussed, justified, and applied to proposed design	**/5**
Risk Management	Any risks and safety issues introduced by the changes in design are discussed and handled. Risks can relate to safety, but they can relate to design (i.e. What is a plan B if a specific decision fails?)	**/5**
Human Factors / Serviceability / Usability	Design optimizations related to any serviceability (i.e. maintenance) and usability. Document generally addresses design changes/decisions regarding a user interacting with the product (beyond core functionality).	**/5**
Concise Document	The document did not contain unnecessary information. The use of appendices is warranted. Optimizes clearly indicate current and future progress. Ideas follow logically. Optimizes clearly indicate current and future progress. Document does not exceed 7 pages (6 pages recommended).	**/5**
Format Issues, Correctness/Style	Document looks professional, pages are numbered, figures and tables are introduced, headings are numbered, etc. References and citations are properly formatted. Correct spelling, grammar, and punctuation. Overall, each category should succinctly state the following: (What was done? What will be done? Why? What reasonable alternatives are considered if applicable?)	**/5**
Comments		**/50**