




Title: MS1/ Sight RPI

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Grade Memo: 78/100

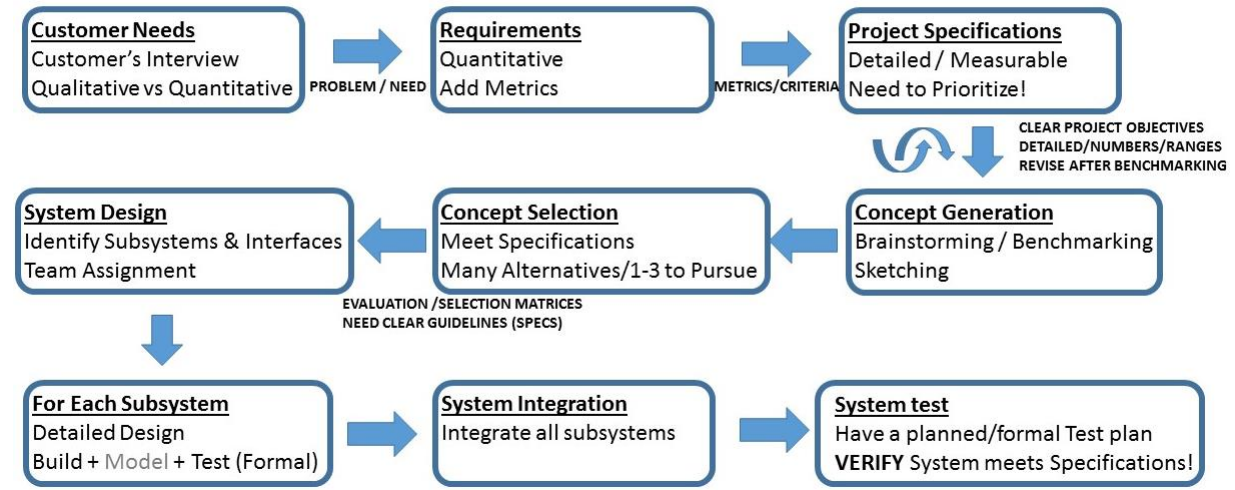
	Category	Feedback
I	Engineering Project: 26/30 <ul style="list-style-type: none"> • Problem Identification • Potential Customers Identified • Customer Requirements Prioritized and with Metrics • Performance Specifications • Value Proposition / Alternative System Concept 	<ul style="list-style-type: none"> ▪ Good problem statement, has all the right element not necessarily in the right order or totally clear! ▪ Customer identified. ▪ Some confusing specs. ▪ No clear value proposition, spread over the memo. ▪ Great and detailed benchmarking, but confusing sometimes with the mix of functionalities and statistics. 
II	Documentation: 40/50 <ul style="list-style-type: none"> • Consistent/Flows • Logical/Accurate • Professional (no typos, has proper citations, third person used) • Benchmarking Documented • Tables/figures properly labeled and cited / described in text • Uses in-line citations for both external sources (e.g. web/books) and internal sources (e.g. figures, tables) • Uses communication tools such as diagrams/figures, sketches, models • Facts & Evidence Provided to Support Conclusions • Bulleted text clearly explained • Decision Matrix shown • Gantt Chart / Project Plan Provided 	<ul style="list-style-type: none"> ▪ No formatting issues. ▪ Sometimes vague, and diary like language. ▪ Confusing flow; no clear concept selection, not backed by clear criteria or data and spread all over the memo. ▪ Discrepancies between plan and Gantt Chart; different number of tasks. ▪ Not a single system schematic! ▪ Reference need to be either in order if numbered or by author last name.
III	Overall Quality: 12/20 <ul style="list-style-type: none"> • Attention to Detail • Workmanship • Attitude • Equal Member Contributions 	<ul style="list-style-type: none"> ▪ Did not follow memo instructions! ▪ Good research and you produced a wealth of information but not write it, organize it, and present it well. ▪ With the exception of placing the IR sensors, there was no evidence of design work. Nothing to differentiate a trained engineer from a hobbyist.

Grade (presentation): 82/100

	Category	Feedback
	Engineering Project: 14/20 <ul style="list-style-type: none"> • Problem Identification • Prioritized Customer Requirements • Performance Specifications • Value Proposition / Alternative System Concept • Test / Analysis 	<ul style="list-style-type: none"> ▪ Excellent problem identification supported with statistics, need better organization. ▪ Good customer need identification, alternative, specification, included assumptions. ▪ Poor value proposition. ▪ Little to no testing plan. Testing plan need to be formal, developing a test for every specification.
	Public Speaking: 27/30 (25+2 Bonus points) <ul style="list-style-type: none"> • Intro / Conclusion • Verbal (volume, tone, pace, fillers) • Non-Verbal (gestures, posture, eye contact) • Effectiveness/Professionalism • Team Presence (change slides for one another, unified business-casual attire, etc.) • Appears as a cohesive unit & provides a consistent message throughout the presentation 	<ul style="list-style-type: none"> ▪ <u>Preparation</u>: -> 5 pts ▪ <u>Introduction</u>: Excellent introduction -> 5 pts ▪ <u>Verbal Presentation Skills</u>:. -> 4 pts ▪ <u>Nonverbal Presentation Skills</u>: Why Brian? -> 4 pts ▪ <u>Conclusion</u> It was not clear that the presentation was coming to an end ->3pts ▪ <u>Q & A Section</u>: -> 4 pts ▪ <u>Additional Notes</u>:
	Documentation: 24/30 <ul style="list-style-type: none"> • Consistent/Flows • Logical/Accurate • Professional (no typos, has proper citations) • Supports / contributes to the message • Uses communication tools such as diagrams/figures, sketches, models 	<ul style="list-style-type: none"> ▪ Schematic showing concept or the final system appears late in the presentation, no high level description at the beginning to guide audience through the presentation. ▪ No models or calculations.
	Teamwork: 9/10 <ul style="list-style-type: none"> • Evidence of effective communication among team members • Consistency between members and their messages 	<ul style="list-style-type: none"> ▪ Q&A handled well but exposed shortcoming in the presentations such as the use-case scenario and confirmation system.
	Overall Quality: 8/10 <ul style="list-style-type: none"> • Attention to Detail • Workmanship • Attitude • Equal Member Contributions 	<ul style="list-style-type: none"> ▪ Need more visual aids.   ▪ Tittle misleading ▪ There is an obvious team effort, not sure all contributed equally.

Section 03 – Reflecting on MS1

The Engineering Design Process



MS1 Memo

Average

Range: 78

MS1 Presentation

Average

Range: 82