

MIE1080 Final Project Rubric: Healthcare Robotics Design and Pitch		Group #:	Time:
Criteria		Points	Notes/Comments
Understanding of Market Need and Target Audience	Identification of Healthcare Problem: Clear articulation of the healthcare challenge or need the robot aims to address.	/25	
	Market Assessment: Thorough analysis of the target market, including demographics, potential users, and competition.		
	Target Audience Consideration: Demonstrates an understanding of the needs and preferences of the target audience.		
	Existing Solutions Review: Comprehensive review of existing healthcare robotics solutions addressing similar needs, including their strengths and weaknesses.		
Feasibility and Conceptualization	Feasibility Analysis: Evidence of feasibility in terms of technology, resources, and market potential.	/25	
	Conceptual Design: Well-developed concept design, including sketches, diagrams, and prototypes (low fidelity), that effectively address the identified need.		
	Innovative Approach: Demonstrates creativity and innovation in the proposed solution.		
Design Process and Iterations	Documentation of Design Process: Clear documentation of iterative design steps, including research, ideation, prototyping (low fidelity), and testing.	/20	
	Integration of Human Factors: Consideration of human factors in the design process, such as ergonomics, usability, and user experience.		
Presentation Quality	Clarity and Organization: Presentation is well-structured, with clear introduction, body, and conclusion.	/15	
	Engagement: Engages the audience effectively through clear communication, visuals, and storytelling.		
	Professionalism: Professional demeanor and adherence to time limits.		
	Ability to Answer Questions: Ability to respond to questions from the audience, demonstrating knowledge, clarity, and confidence.		
Conclusion	Summary of Key Points: Succinctly summarizes the key points of the presentation.	/15	
	Reflection and Future Directions: Reflects on the project process and outcomes and outlines potential future directions or next steps.		
	Closing Remarks: Provides a compelling and memorable closing statement.		
Final Grade:		/100	
Additional Comments:			