

ANSTO Hackathon 2025 Marking Rubric.

Design Challenge Team

Junior / Senior (circle one)

Criteria	Excelling (3)	Proficient (2)	Developing (1)	Not Achieved (0)	Score	Optional Comment
End user	<ul style="list-style-type: none"> Clearly identifies an end user persona. Considers benefits to end user. Gives insights into end users' thoughts, needs and experiences. 	<ul style="list-style-type: none"> Identifies an end user. Identifies why they have this problem. 	<ul style="list-style-type: none"> Identifies an end user. 	<ul style="list-style-type: none"> Does not identify an end user. 		
Problem challenge (Big Picture)	<ul style="list-style-type: none"> States a meaningful and actionable problem. Describes in detail the problem context or main idea. Clearly explains the scientific principals behind chosen concept 	<ul style="list-style-type: none"> States a relevant problem. Outlines the context. 	<ul style="list-style-type: none"> States a problem that is too broad or with no context provided. 	<ul style="list-style-type: none"> Does not state a problem. 		
Design Journey	<ul style="list-style-type: none"> Gives a detailed explanation of their prototype/initiative/program. Gives examples of some ideas they didn't go with. Examples of prototypes and tests that had to be modified. 	<ul style="list-style-type: none"> Gives a detailed explanation of their prototype. Examples of modifications made along the way. 	<ul style="list-style-type: none"> Gives an explanation of their prototype. 	<ul style="list-style-type: none"> Does not explain the prototype. 		
Presentation <i>(parameters may be subjective to format choice)</i>	<ul style="list-style-type: none"> Presentation takes 2 - 4 minutes to deliver. Presentation is creative, innovative and engaging. Someone with no scientific background would understand and be interested. Clear audio/ visuals for easy interpretation. 	<ul style="list-style-type: none"> Presentation is less than 2 min or longer than 4 min. Presentation is engaging. Clear audio/ visuals most of the time. 	<ul style="list-style-type: none"> Presentation is less than a minute. Presentation is somewhat engaging. Audio and visuals are difficult to hear or see 	<ul style="list-style-type: none"> No presentation submitted. 		
Solution: practicality / viability	<ul style="list-style-type: none"> Solution is practical and scientifically viable. Shows a thorough understanding of the chosen concept Identifies the current issues affecting interpretation. 	<ul style="list-style-type: none"> Solution is workable. Shows some understanding of the chosen concept. 	<ul style="list-style-type: none"> Solution is plausible. 	<ul style="list-style-type: none"> Solution is very unfeasible. Shows no understanding of chosen concept. 		
Solution: value to the end-user	<ul style="list-style-type: none"> Solution meets end-users' needs and is beneficial in numerous ways. Solution is accessible and can be used to enhance learning. 	<ul style="list-style-type: none"> Solution meets end-users' needs under certain conditions and is beneficial in one or two ways. 	<ul style="list-style-type: none"> Solution may meet the needs of the end user. 	<ul style="list-style-type: none"> Solution does not meet the end users' needs. 		
Solution: originality and creativity	<ul style="list-style-type: none"> Idea is creative and original, demonstrating out of the box thinking. It was an unexpected approach. 	<ul style="list-style-type: none"> Re-develops and changes existing ideas. 	<ul style="list-style-type: none"> Presents an idea that shows little creativity. 	<ul style="list-style-type: none"> Replicates an existing idea and is unoriginal. 		
Solution: sustainability / future directions	<ul style="list-style-type: none"> Describes future directions and/or sustainability of the solution. Clear analysis of the investigation and identifies areas of improvement. 	<ul style="list-style-type: none"> Mentions a future direction or sustainability of the solution. 	<ul style="list-style-type: none"> Presents a solution with limited or no future direction. 	<ul style="list-style-type: none"> Does not mention sustainability or future direction. 		
Assessor Name:				TOTAL SCORE		
						/24