

Canada AI National Challenge 2025 - General Judging Rubric

(For Judges: Please tick one box per row. If a team scores **3 points**, they are outstanding, and you may add optional comments.)

Team Name: _____

Age Group:

- ☐ Beginner (Ages 8-12)
☐ Junior (Ages 13-15)
☐ Senior (Ages 16-18)
-

1. Problem Identification & Impact

CRITERIA	MISSING 0	NEEDS WORK 1	GOOD 2	OUTSTANDING 3 (Explain Below)
Beginner: Is the problem clearly explained ?	No clear problem is identified	The problem is unclear or vague	The problem is well-explained	Well-researched and strongly connected to AI
Junior: Is the problem relevant and supported with evidence ?	No relevance to real-world issues.	Some relevance but lacks research	Clearly defined and supported by research	Deeply researched with real-world validation
Senior: Does the project address a critical challenge with data-driven insights ?	No connection to real-world data	Some attempts at data-driven insights	Uses real-world data to support the problem	Strong real-world data and research integration

NOTES: _____

2. AI & Technical Implementation

CRITERIA	MISSING 0	NEEDS WORK 1	GOOD 2	OUTSTANDING 3 (Explain Below)
Beginner: Does the project use basic AI concepts?	No AI integration	AI is present but not well implemented.	AI is functional and relevant	AI is used effectively and well-explained
Junior: Junior: Does the project use AI in a meaningful way?	AI is present but not fully integrated	AI is used but has a limited impact	AI meaningfully improves project functionality	AI is deeply integrated and enhances the solution
Senior: Does the project demonstrate strong AI modelling, optimization, and innovation?	AI is present but lacks optimization	AI is implemented but not efficiently	AI is well-executed and functional	AI is highly optimized and demonstrates innovation

NOTES: _____

3. Project Functionality & User Testing

CRITERIA	MISSING 0	NEEDS WORK 1	GOOD 2	OUTSTANDING 3 (Explain Below)
Beginner: Does the project work as intended?	The project is incomplete	Some functions work, but it's unstable	Fully functional and meets basic expectations	Works smoothly and has additional features
Junior: Has the team tested their project and improved it based on feedback?	No user testing	Some testing but little impact	Feedback was collected and used	Extensive testing and iterative improvements
Senior: Does the project show robust testing, debugging, and optimization?	No structured testing process	Some testing, but lacks documentation	The project has been tested and improved	Well-documented testing and optimization

NOTES: _____

4. Creativity & Innovation

CRITERIA	MISSING 0	NEEDS WORK 1	GOOD 2	OUTSTANDING 3 (Explain Below)
Beginner: Is the project unique or creative ?	No originality	Some creative elements but not unique	Clear creativity in concept or execution	Highly original and innovative
Junior: Does the project introduce new ideas or a fresh perspective ?	No unique elements	Some innovation but mostly standard ideas	AI is used in a creative way	Exceptionally unique and forward-thinking
Senior: Does the project demonstrate breakthrough AI applications ?	No technical innovation	Some AI creativity but minimal breakthroughs	AI is applied in a creative, effective way	AI is used in an entirely new or disruptive way

NOTES: _____

5. User Experience & Design

CRITERIA	MISSING 0	NEEDS WORK 1	GOOD 2	OUTSTANDING 3 (Explain Below)
Beginner: Is the project easy to use and visually appealing ?	Poor UI/UX, difficult to navigate	Some UI/UX considerations, but need improvement	Well-designed and easy-to-use	Exceptionally designed, smooth, and visually appealing
Junior: Does the user experience support the project's goal ?	UI is present but not well-designed	Some usability considerations but weak implementation	Clear user-friendly interface	Strong usability, accessibility, and engagement
Senior: Does the project apply UX best practices and accessibility ?	UI lacks clarity and usability	Some UI/UX elements work, but are not fully refined	Solid UI/UX with accessibility features	Professional-level design, accessibility, and interaction

NOTES: _____

6. Technical Pitch Video

CRITERIA	MISSING 0	NEEDS WORK 1	GOOD 2	OUTSTANDING 3 (Explain Below)
ALL: Does the video clearly and engagingly explain the problem and AI solution?	Unclear or lacks structure	Somewhat clear but could be more engaging	Clear and engaging	Highly professional and compelling
ALL: Does the video explain AI implementation and technical aspects clearly?	No technical explanation	Some explanation but lacks detail	Clear and thorough explanation	Excellent explanation with deep insights

NOTES: _____

7. Feasibility & Real-World Application

CRITERIA	MISSING 0	NEEDS WORK 1	GOOD 2	OUTSTANDING 3 (Explain Below)
Beginner: Could the project be useful in a real-world setting?	Not practical	Some real-world connection	Clearly useful in a real-world setting	Highly applicable with clear benefits
Junior: Is the project scalable or adaptable to real-world use?	Not feasible for implementation	Some potential, but needs more refinement	Feasible with minor changes	Highly feasible with strong impact potential
Senior: Does the project show strong implementation potential for businesses, researchers, or industry?	No practical applications	Some potential but lacks clear next steps	Can be implemented with adjustments	Highly scalable, and well-structured for industry use

NOTES: _____

Final Feedback

GREAT JOB ON	THINGS TO CONSIDER IMPROVING

EXTRA NOTES: _____
