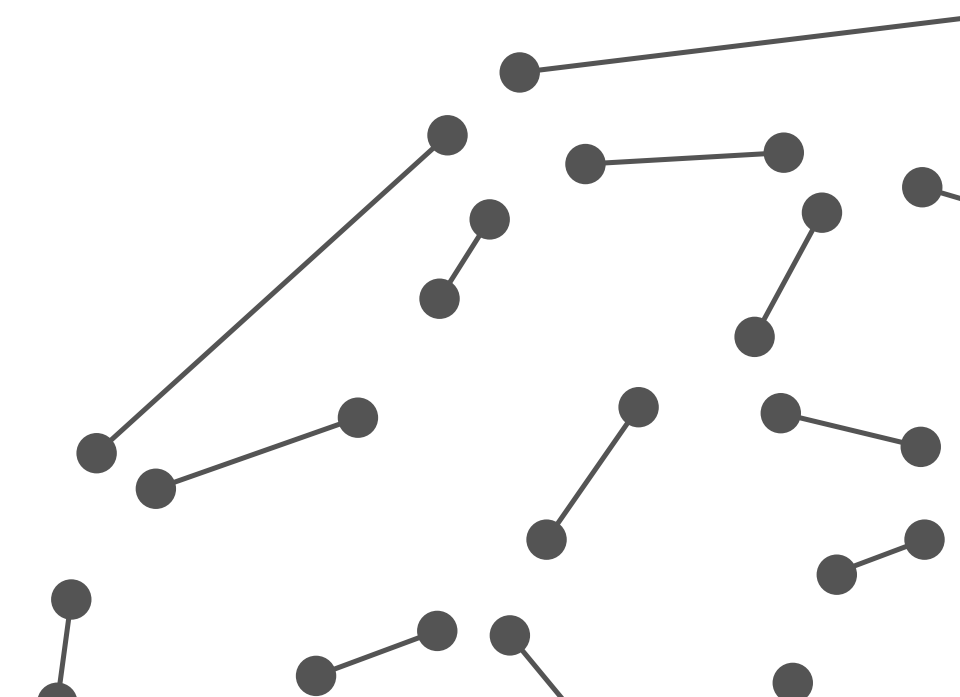


# THE AI ASSISTANCE SCALE

## A Tool for Enhancing Transparency and Integrity in Teacher Education Assessments

Dr Marian Carcary  
Dr Patrick Buckland  
Dr Maria Ryan  
Dr Rebecca Purcell



# The Integrity Challenge: Why GenAI Raises Alarms

**The proportion of students using generative AI tools such as ChatGPT for assessments has jumped from 53% last year to 88% (HEPI, 2025)**

# The AI Challenge in Education

## **Rapid AI Development**

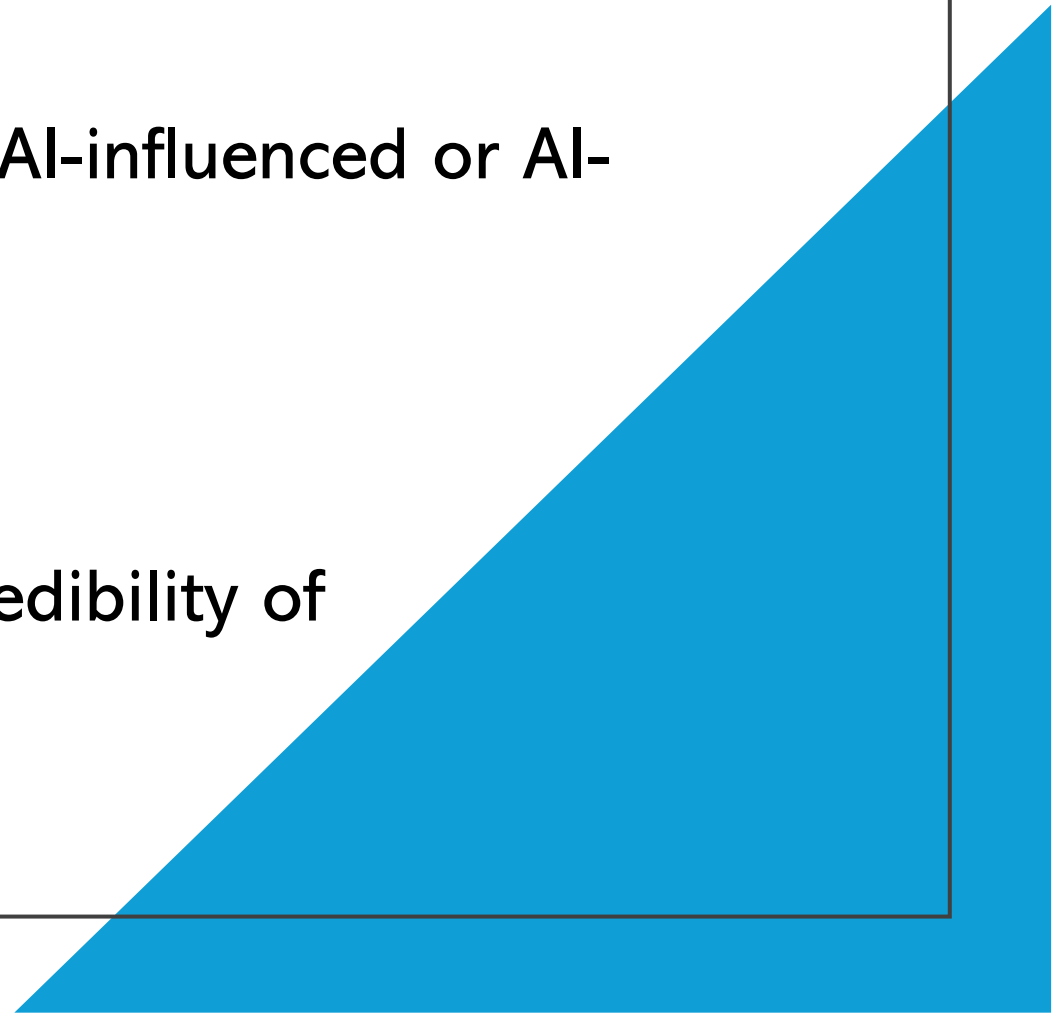
The accelerating advancement of artificial intelligence tools presents both exciting opportunities and complex challenges for educators in higher education settings.

## **Assessment Integrity Concerns**

Growing difficulty in distinguishing between student-generated work and AI-influenced or AI-created submissions undermines the validity of assessments.

## **Credibility at Risk**

Without proper frameworks, the ambiguity around AI use threatens the credibility of academic qualifications and the learning process itself.





# Academic writing

## Critical Thinking

Develops analytical reasoning and the ability to evaluate complex arguments

## Research Proficiency

Builds skills in finding, evaluating and synthesising credible sources

## Communication

Enhances clarity and precision in expressing sophisticated ideas

# Academic Writing: Mitigating the AI risk

## Rethink Assessment

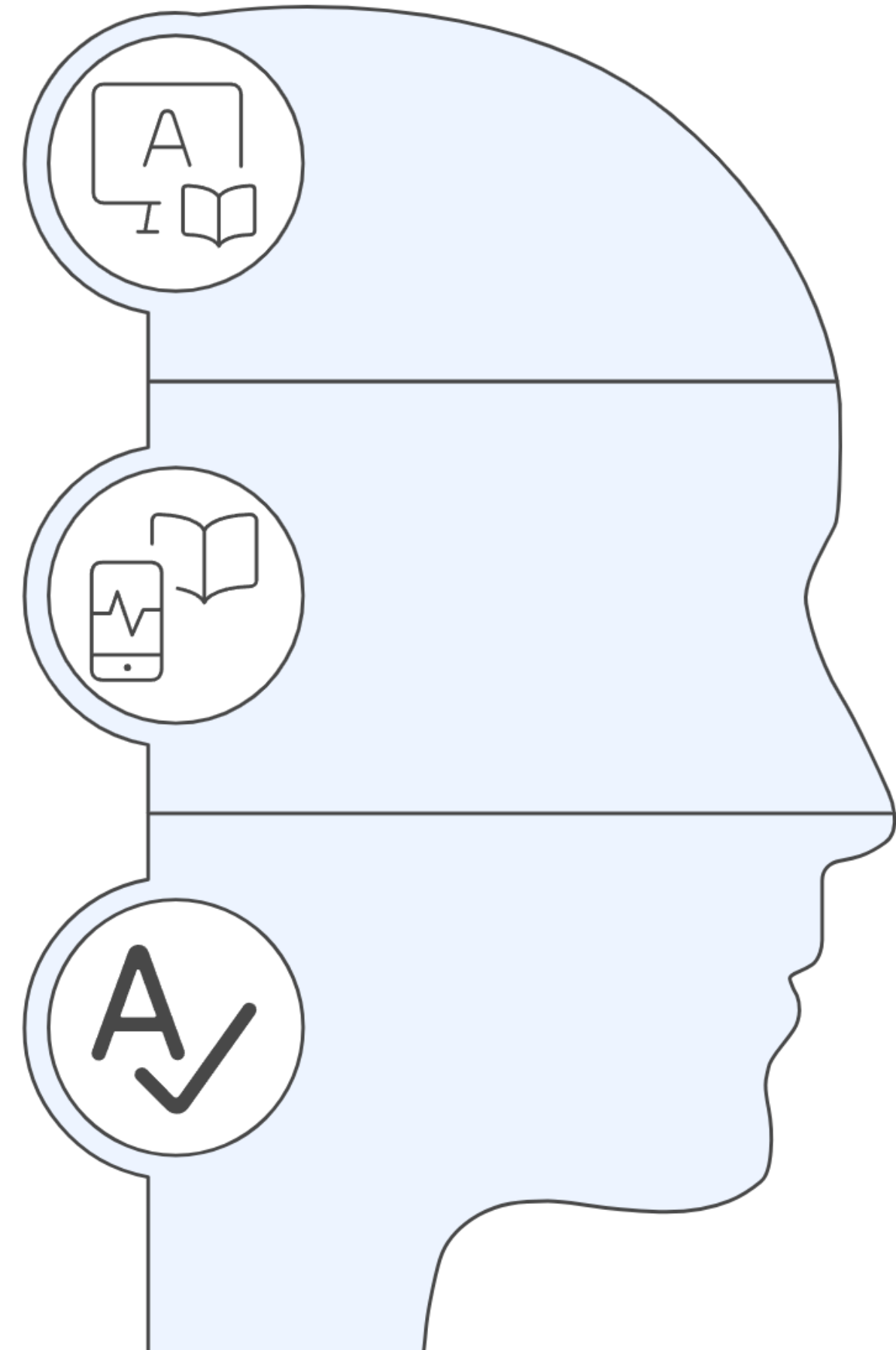
Focuses on innovative assessment methods like drafts and oral defenses

## Strengthen Pedagogy

Emphasizes teaching AI literacy and critical thinking skills

## Integrity & Accountability

Ensures academic integrity through clear policies and authentic student voice





# AI Use Declaration

- Clear, consistent declarations of AI use in academic assessments promote transparency, build trust between students and educators, and ensure accountability by enabling fair evaluation, proper attribution, and enforceable integrity standards.
- Academic publishes welcome the use of GenAI but require an AI declaration statement.



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Level	Student as	Description of Student's Role	GAI's role
0	SOLE AUTHOR	Students complete all planning, thinking, outlining, drafting, research, analysis, creation, and revision independently of GAI.	None
1	PRIMARY CREATOR	Students generate all core ideas, prose, and the overall structure and content of the work and may use GAI for specific, limited tasks like organization or proofreading.	Reviewer or limited editor
2	CONCEPTUAL ARCHITECT	Students drive all ideas and development of the process but can use GAI for brainstorming and elaboration.	Thought partner
3	CRITICAL COLLABORATOR	Students actively collaborate with GAI throughout the process, using it for partial drafting and content generation while maintaining critical oversight.	Co-creator
4	PROJECT MANAGER	Students leverage AI extensively for complex problem-solving, synthesis, and innovation. This level requires advanced AI literacies and critical analysis skills.	Engine for creation

Student AI Use Scale

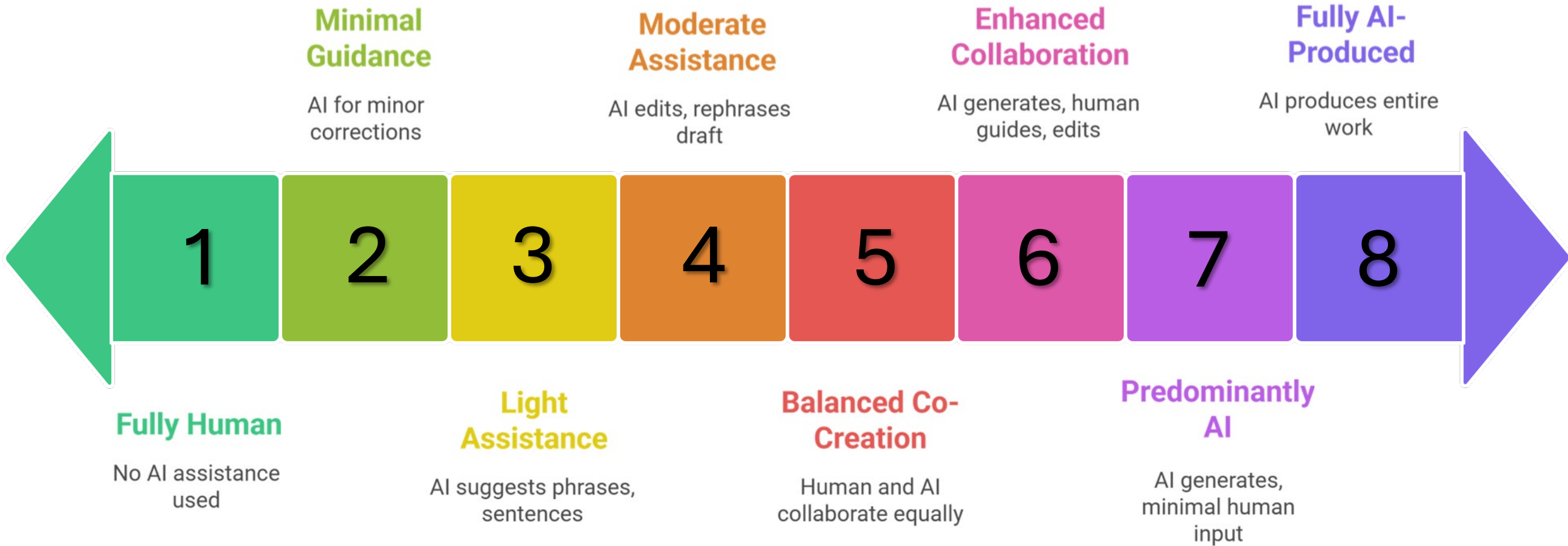
Level 0	Level 1	Level 2	Level 3	Level 4	Level 5
No AI use	AI-assisted	AI-enhanced	AI-augmented	AI-directed	AI-automated
Human operates independently from concept to completion, managing and executing complex marketing tasks.	AI tools support basic tasks, enhancing the efficiency and accuracy of human efforts in areas such as grammar checks, basic data analysis, or generating initial copywriting prompts, without altering the core quality of the work.	AI significantly elevates output quality or efficiency through advanced data analysis, predictive insights, or generating content drafts from detailed prompts.	A collaborative effort where humans establish strategic goals and frameworks, while AI enhances content, optimizes strategies, or analyzes complex data sets.	AI leads the creation or analytical process, handling comprehensive tasks like generating entire content pieces or devising marketing strategies, with humans providing oversight, direction, and nuanced adjustments.	AI operates independently from concept to completion, autonomously managing and executing complex marketing tasks.
Humans drive the final output with varying levels of support from AI			AI drives the final output with varying levels of support from humans		

AI Contribution Scale (ACS)

1	NO AI	The assessment is completed entirely without AI assistance in a controlled environment, ensuring that students rely solely on their existing knowledge, understanding, and skills. <b>You must not use AI at any point during the assessment. You must demonstrate your core skills and knowledge.</b>
2	AI PLANNING	AI may be used for pre-task activities such as brainstorming, outlining and initial research. This level focuses on the effective use of AI for planning, synthesis, and ideation, but assessments should emphasise the ability to develop and refine these ideas independently. <b>You may use AI for planning, idea development, and research. Your final submission should show how you have developed and refined these ideas.</b>
3	AI COLLABORATION	AI may be used to help complete the task, including idea generation, drafting, feedback, and refinement. Students should critically evaluate and modify the AI suggested outputs, demonstrating their understanding. <b>You may use AI to assist with specific tasks such as drafting text, refining and evaluating your work. You must critically evaluate and modify any AI-generated content you use.</b>
4	FULL AI	AI may be used to complete any elements of the task, with students directing AI to achieve the assessment goals. Assessments at this level may also require engagement with AI to achieve goals and solve problems. <b>You may use AI extensively throughout your work either as you wish, or as specifically directed in your assessment. Focus on directing AI to achieve your goals while demonstrating your critical thinking.</b>
5	AI EXPLORATION	AI is used creatively to enhance problem-solving, generate novel insights, or develop innovative solutions to solve problems. Students and educators co-design assessments to explore unique AI applications within the field of study. <b>You should use AI creatively to solve the task, potentially co-designing new approaches with your instructor.</b>

AI Assessment Scale (AIAS)

# The AI Assistance Scale



# How is The AI Assistance Scale Different?

- Designed specifically for academic writing
- Designed to aid in a student in declaring GenAI use
- Dedicated web-based tool
- Increased granularity with 8 points
- Complements other methods of Gen AI attribution
- More memorable name :)





## Level 1: Fully Human (No AI)

- **Writing Process:** Entirely human-crafted content, no AI tools for spelling, grammar, or content suggestions. All corrections are manual.
- **Research Process:** All research tasks are manually performed by humans, including data collection, analysis, and interpretation.

## Level 2: Minimal AI Guidance

- **Writing Process:** Human-written content with AI tools like spell checkers for minor corrections.
- **Research Process:** AI used sparingly, mainly for minor organisational tasks, with human driving critical thinking and research.

### **Level 3: Light AI Assistance**

- **Writing Process:** Human writing with occasional AI-suggested phrases for clarity or new insights.
- **Research Process:** AI suggests research questions or hypotheses; humans refine and integrate AI contributions.

### **Level 4: Moderate AI Assistance**

- **Writing Process:** Human-written draft with moderate AI editing or rephrasing to improve coherence and style.
- **Research Process:** AI summarises research and drafts sections; humans guide and approve final output.

## Level 5: Balanced Human-AI Co-Creation

- **Writing Process:** Human outlines ideas, AI expands content. Final product is reviewed by humans.
- **Research Process:** Human defines structure; AI assists with literature reviews, methodology and data analysis. Collaborative approach.

## Level 6: Enhanced AI Collaboration

- **Writing Process:** Human outlines key points; AI generates larger portions of content.
- **Research Process:** AI conducts detailed analysis and composes detailed written sections based on human guidelines; humans ensure accuracy and alignment.



## Level 7: Predominantly AI with Minimal Human Input

- **Writing Process:** AI generates nearly all content from limited human prompts; minimal human corrections.
- **Research Process:** AI conducts comprehensive research, human oversight is minimal.

## Level 8: Fully AI-Produced (No Human)

- **Writing Process:** AI creates the entire piece based on a simple prompt; there is no human involvement beyond initiation.
- **Research Process:** AI handles all research tasks from topic selection to final paper, with no human intervention beyond the initial topic.





# Strength

## **Transparent AI Use:**

By clarifying the extent of AI involvement, the scale promotes transparency in academic work.

## **Guidance for Ethical AI Use:**

The scale helps establish boundaries for ethical AI use, offering clear guidance on what levels of AI involvement are acceptable in various academic contexts.

# Weaknesses

## **Reliance on Self-Reporting:**

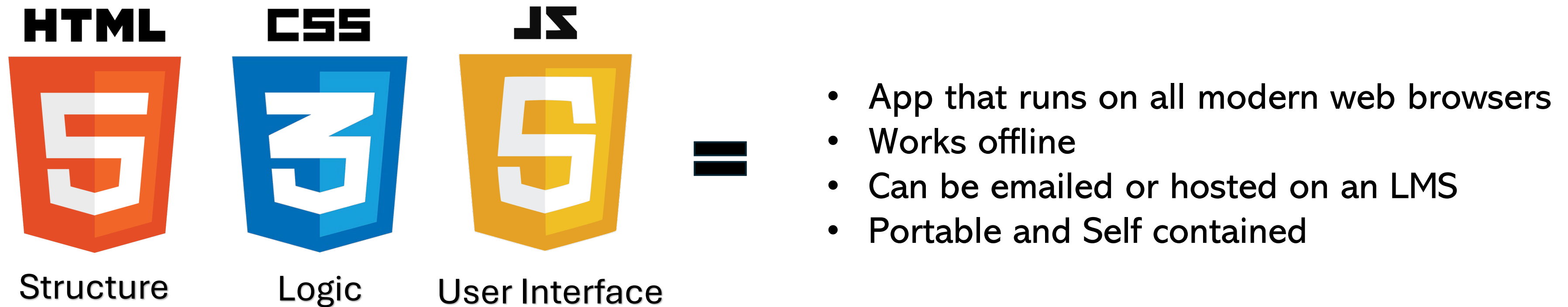
The scale depends on honest self-reporting of AI use, which can be difficult to enforce and verify, potentially leading to inaccuracies in how AI contributions are disclosed.

## **Complexity in Determining AI Contributions:**

It may be difficult to quantify the exact level of AI involvement, especially when AI tools are integrated seamlessly into widely used platforms like Word

# Bringing the AI Assistance Scale to the Classroom

## Generative AI Reporting App (GARA)



- The tool provides a structured way to declare AI involvement in student assessments.
- Based on the AI Support Scale (Levels 1–8) ranging from “Fully Human” to “Fully AI-generated”.
- Generates a personalised disclosure statement for students to submit with assignments.
- Does not require installation

# Conclusion

- The scale and App is a starting point that can be adjusted depending on the situation.
- Provides a standardised way to declare the use of AI in assessments
- Considers future AI advances



**THANK  
YOU**