

# ASCILITE 2025

**Future-Focused:**  
*Educating in an Era of Continuous Change*

## PETRA AI: Towards permissive and transparent use of GenAI in education

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As Generative AI (GenAI) technologies become more commonplace in educational settings, its far-reaching impact on assessment, teaching and learning can be felt across all educational sectors. In terms of assessment, dealing with a technology that can easily produce written work such as an essay with high levels of accuracy and written style, teachers have been challenged in navigating this new space. Two challenges exist – how teachers can effectively share specific, appropriate and permitted GenAI use for a task, and how students may share with their instructors how they have used it. Previous models of GenAI integration into assessment generally exist on a spectrum of total and free GenAI use to this set of technologies being essentially banned (see AIAS scale by Perkins et al., 2024), with little specificity. PETRA AI (PErmissive and TRANSPARENT) is a single page web application that addresses these challenges by providing teachers a way to permit specific and fine-grained use of GenAI for an assessment task in the form of a digital badge and also allows students to share how they used AI for a task to ensure compliance and transparency. This badge can then be downloaded as an image or embedded into an online learning platform to provide more transparency for all parties.

**Keywords:** Generative AI, disclosure, sharing, transparency, permission.

**PETRA AI**  
Permission and Transparency in the use of Generative AI

TAKE THE SURVEY  
PROVIDE FEEDBACK

OPT IN

This tool presents a framework to allow teachers to provide guidance on permissive use of GenAI for their students and students to declare their use of Generative AI (GenAI) and how they used it. Please select who you are below to get started.

**PERMITTED**  
You may use Generative AI to:

USE	PURPOSE	PERMIT	ENCOURAGE
<b>Planning</b>	<b>Initial planning and preparation for an assignment or task.</b>		
Understand	Understand the requirements and instructions related the task.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Scope	Scope the length, breadth and content required for the task.	<input type="checkbox"/>	
Link	Link or align task instructions with rubrics or submission requirements.	<input type="checkbox"/>	
<b>Research</b>	<b>Finding information relevant to a task.</b>		
Explore	Ask questions to get an initial understanding of the content, concepts and ideas related the task.	<input type="checkbox"/>	
	Summarise or paraphrase ideas you may already have or breakdown complex		

Figure 1. Screenshot of PETRA AI in progress (as of 7 July, 2025)

## References

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