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Responsible and Appropriate use of AI in Postgraduate Nursing Courses (New Zealand): An eLearning Example

Abstract

This Artifact/Snippet (<https://jexed-games.itch.io/responsible-use-of-ai-in-nursing>) is presenting a *prototype* interactive eLearning resource, *Responsible and appropriate use of artificial intelligence in postgraduate nursing courses (New Zealand)*, developed as a free eLearning resource for postgraduate nursing students. Its central contribution is the translation of responsible general artificial intelligence (GenAI) use from a largely theoretical and policy-oriented topic into an applied, interactive learning experience for professional education. Developed within a New Zealand postgraduate nursing context, the resource draws on institutionally approved values and professional expectations relevant to nursing practice, while addressing issues that are increasingly significant across higher education (HE) internationally.

The prototype was developed in response to the growing need for students to engage with GenAI in ways that uphold academic integrity, critical thinking, ethical practice, and professional judgement. Rather than relying solely on static policy statements, the resource makes expectations visible and actionable through learner-facing scenarios and modular decision-making activities. Students are guided through key topics including transparency and attribution; academic integrity and boundaries around acceptable and unacceptable use; privacy and data protection; bias, fairness, and cultural safety; reliability, verification, and accountability; and intellectual property and licensing. The eLearning concludes with consolidation activities, including a wrap-up and final quiz, with additional gamified opportunities to reinforce engagement.

Pedagogically, the resource is informed by adult learning theory, particularly *Knowles' andragogy*, *Kolb's experiential learning*, and *Schön's reflective practice*. Its modular structure supports guided progression while also allowing students to revisit topics in their own order, recognising that postgraduate

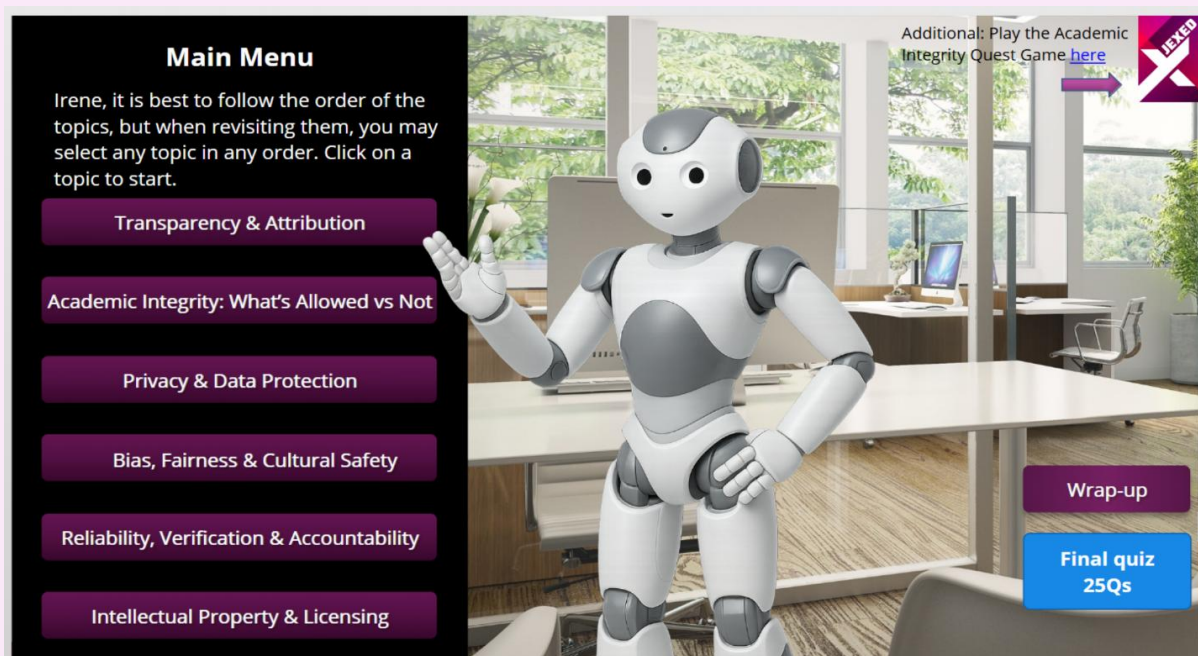
students bring prior professional experience, differing levels of confidence with digital tools, and varied exposure to artificial intelligence (AI). In this way, the resource treats students not as passive recipients of rules, but as active professionals developing context-sensitive judgement about when and how AI use may or may not be appropriate in learning tasks and coursework.

The prototype is also grounded in a *human-centred, trustworthy AI approach*, with particular emphasis on *transparency, fairness, accountability, privacy, and meaningful human oversight*. These principles are interpreted through a nursing education lens, where ethical responsibility, evidence-informed practice, confidentiality, documentation, and culturally safe care are foundational. The eLearning therefore positions AI as a tool that may support learning, but never replaces disciplinary thinking, human accountability, or professional responsibility.

This Snippet offers the prototype as an example of how educators can transform a contemporary and potentially contentious topic into an accessible, interactive, and *individualised* digital learning experience. While the resource draws on institutionally endorsed values and professional guidance that have themselves emerged through broader consultation processes, future development or local adaptation of similar resources would be strengthened through consultation with Māori colleagues and collaboration with a *Centre for Teaching and Learning* or equivalent unit, including formal accessibility review. The prototype may therefore be of interest to educators, instructional designers, and institutions seeking responsible, transferable, and contextually responsive approaches to GenAI use in HE.

Programmes or Applications Used

eLearning is created on Storyline360 as part of the Articulate360 suite. URL to eLearning: <https://jexed-games.itch.io/responsible-use-of-ai-in-nursing>



Keywords: Generative Artificial Intelligence (GenAI), higher education (HE), individualised learning, large language modules (LLMs)