Assessment re-design and GenAI: what do undergraduate students want and need from assessment?

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Introduction

GenAI's Impact on Education
· rapidly transforming educational practices
· challenging traditional assessment methods

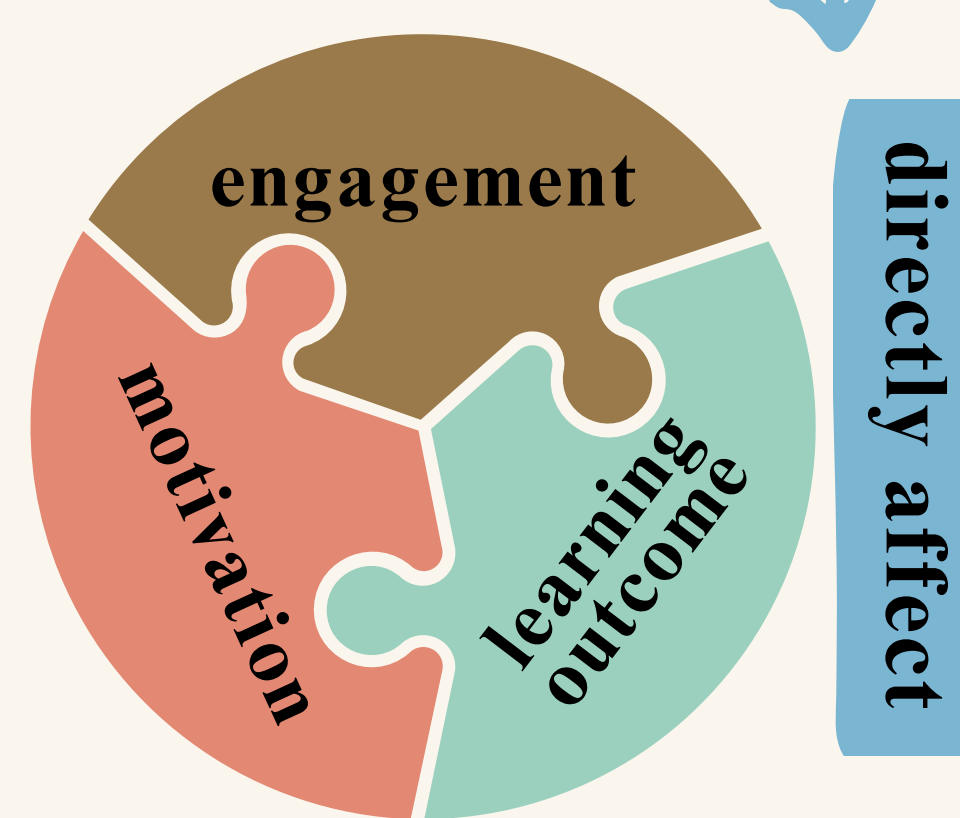**Importance of Student Perspectives towards assessments**
how they perceive different types of assessments
what they consider authentic or meaningful
how they utilize GenAI in their assignments

Opportunities and Risks
· personalized learning
· innovative formats
· academic integrity
· overreliance on technology

engagement
motivation
learning outcome
directly affect

Objectives

To provide actionable insights for educators to redesign assessments that better align with the realities of the GenAI era, fostering meaningful learning outcomes and preparing students for the future of education.

Methods

This study employed **qualitative research methods**, focusing on in-depth **interviews** with students from HKU.

Data Collection:
· **Sample Size:** 15 UG students
· **Diversity:** 7 different faculties
· **Framework:** semi-structured

Data Analysis:
The interview transcripts were coded and analyzed using thematic analysis, extracting meaningful insights from the qualitative data.
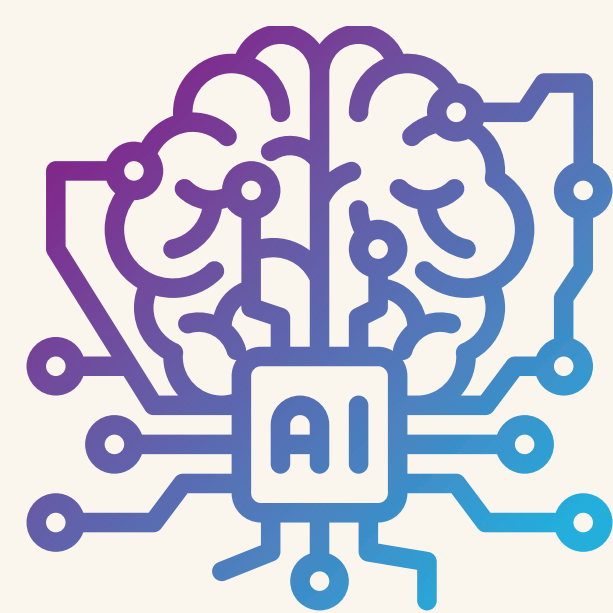
Conclusions

This research provides insights into the principles of good assessment on GenAI integration in education, offering future directions for assessment re-design.
In the future, research may focus on:

· Refining assessment to better incorporate GenAI
· Developing strategies for academic integrity to maintain fairness
· Co-design assessments with students to align with their needs and expectations

By addressing these areas, educators can create more effective and meaningful learning experiences in the GenAI era !

Findings

Principles of Good Assessment:

· *Relationship to real-life uses of the discipline*

✦ **Applicable Across Disciplines**
Combine Theory and Practice
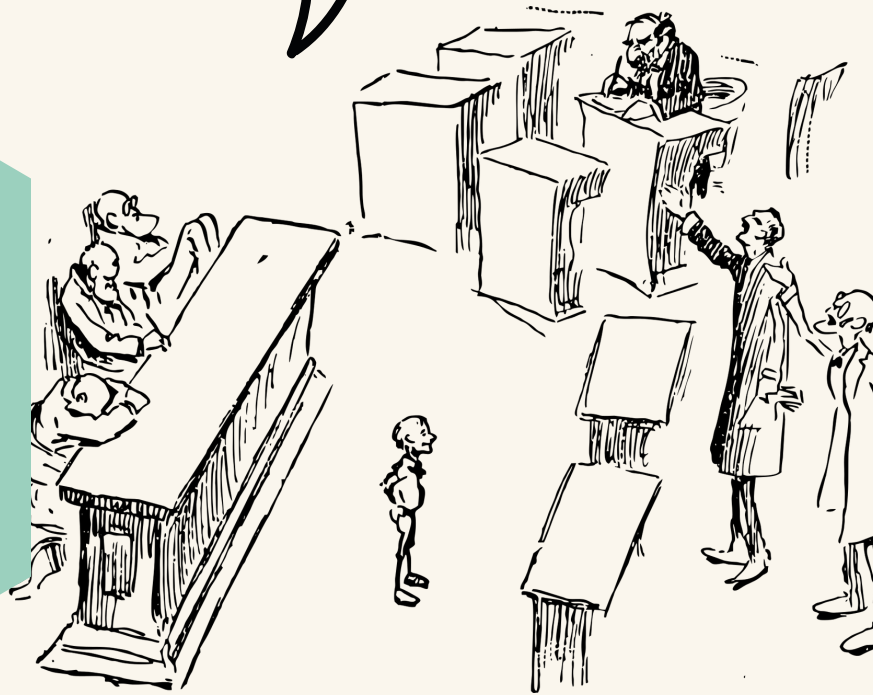Problem-Solving Skills
Teamwork and Collaboration

Case study (medicine, law, business)

Interviews (Journalism student)

Mooting (law student)

"Mooting is like a real courtroom experience; it prepares me for my future legal career."

Example: Students must guide the conversations to elicit insightful quotes from each person.

· *Creative exploration and expression:*

Creativity and Aesthetic Skills
Teamwork and Organization
Practical Experience

"To excel in debates and roleplays, we must deeply internalize and skillfully apply relevant knowledge. This assignment format has made the class content particularly memorable and familiar to me."

Debate
Exhibition Design
Roleplay
Poster Exhibition
Enhance AI-Generated Essays

Advantages of Poster Exhibition Over PPT Presentation

Visual Impact
· use images, graphics, concise text
· making complex information more accessible at a glance

Interactive and Flexible
· allow for one-on-one or small group discussions   deeper engagement and personalized explanations
· flexible pacing for views

AI as a Starting Point
· provides initial content for writing assignments
· prepares for digital future of academic work

Refinement of Editing Skills
· hands-on experience in refining written work.
· transforms AI content into polished academic writing.

Critical Reflection on AI Limits
· teaches students to assess AI strengths and weaknesses.
· encourages discernment in using AI tools.

· *Other Principles Include:*

· *Consolidating Knowledge*
· *Variety of Assessment Types*
· *Clear Grading Criteria*
· *Constructive Feedback*