Blackboard AI Design Assistant
Preview & Feedback

CFAC – 10/13/2023

Northern Illinois University
Your Future. Our Focus.

Anthology's Trustworthy AI Framework

- **Fairness:** Minimizing harmful bias in AI systems

- **Reliability:** Taking measures to ensure the output of AI systems is valid and reliable

- **Humans in Control:** Ensuring humans ultimately make decisions that have legal or otherwise significant impact

- **Transparency and Explainability:** Explaining to users when AI systems are used, how the AI systems work, and how to interpret and appropriately use the output of the AI systems

- **Privacy, Security and Safety:** AI systems should be secure, safe, and privacy friendly

- **Value alignment:** AI systems should be aligned to human values, in particular those of our clients and users

- **Accountability:** Ensuring there is clear accountability regarding the trustworthy use of AI systems within Anthology

Overview of Blackboard AI Design Assistant

- Built on Microsoft Azure OpenAI as the foundational large language model, tuned to be better suited for academic purposes

  - Utilizes GPT-3.5, GPT-4, ChatGPT, and DALL-E 3

- Incorporates additional information from the course context, content, and prompts provided by the instructor

- All AI-generated items must be reviewed and accepted by the instructor before being incorporated in the course

- Institutional content is NEVER used to train the AI models

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AI Design Assistant Capabilities

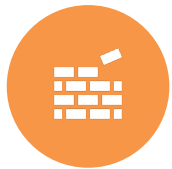Recommend images from Unsplash based on auto-generated keywords

Generate new images for learning modules

Propose test questions

Generate an assignment rubric

Suggest learning modules to build a course structure

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Demonstration

Demonstration Outline

- In ARTD 101:

  - Find a course banner

  - Generate a module image

  - Create test questions from a Document

  - Add questions to a test

  - Create a rubric

- In HIST 270:

  - Generate modules

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Improving Results

Context

Add content to Document or Assignment before generating questions and rubrics

Description

Include extensive text like objectives, instructions, or a few sentences to paragraphs of content

Complexity

Increase the complexity for more advanced results

1. Early primary, Grades K-2
2. Late primary, Grades 3-5
3. Early middle school, Grades 6-7
4. Late middle school, grades 8-9
5. Early high school, Grades 10-11
6. Late high school, Grade 12/AP
7. Undergraduate, Lower Division
8. Undergraduate, Upper Division
9. Graduate Level
10. Advanced Graduate Level

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Feedback

Discussion Questions

- What do you like about the Blackboard AI Design Assistant? Which of the features would you use?

- What concerns do you have about the Blackboard AI Design Assistant?

- Should we enable it for all faculty?

- What other teaching workflows would you like AI to assist with in Blackboard?

Try It Out

- Currently enabled on our test server: niu-saastest.blackboard.com

- Future focus groups and feedback opportunities

- Share your feedback with me at srichter@niu.edu

Questions