Ethical Utility of Artificial Intelligence in Education

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Abstract : This paper evaluates user satisfaction with the AI functionality of Coconote, an innovative app designed to transform raw input -documents, voice recordings, and video recordings- into structured study materials such as flashcards, study guides, and transcripts. Leveraging AI-driven natural language processing and summarization algorithms, Coconote aims to streamline the study process by providing personalized, accessible, and accurate learning tools. To measure user satisfaction, we conducted a survey among 20 participants, including students, educators, and professionals, who tested the app's core features over a two-week period. The survey assessed criteria such as ease of use, accuracy of generated materials, and perceived value in enhancing productivity. Results indicate high satisfaction levels with the app's ability to produce coherent and concise outputs, with 83% of respondents reporting improved study efficiency. However, feedback highlighted areas for improvement, including occasional inaccuracies in transcription and customization limitations in flashcard formatting. This study demonstrates the potential of AI to transform learning methods and identifies key areas for refinement in user-centric design. Coconote represents a step forward in leveraging AI to enhance educational technology

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