# Study-AId : AI Crafted by Students, For Students! for PIITRAM2024

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**ABSTRACT**

The integration of Artificial Intelligence (AI) in education, exemplified by technologies like OpenAI’s ChatGPT, presents both opportunities and challenges. “Study-AId” addresses the critical issue of students potentially misusing AI tools in educational settings, thus leading to compromising academic integrity, misrepresenting their work, or gaining academic merits without actively participating in the learning process. This project proposes a pedagogical solution to cultivate responsible AI usage among students and ultimately emphasising the integration of AI into the education sector to enhance learning experiences. Innovation in Study-AId lies in its unique approach to creating personalised learning environments for students. By analysing learner characteristics and data, the tool adapts various effective learning methods such as active recall, spaced repetition and time-blocking through various on-site features that caters to individual needs. These features mainly include those of a PDF reader, a Text-To-Speech option and a Time-Blocking calendar. This adaptive approach not only fosters effective studying habits but also aligns with diverse learning styles. From a commercial standpoint, Study-AId has significant potential. It targets a broad audience in the educational sector, including institutions seeking to modernize their teaching methodologies and students aiming for efficient, self-directed learning. The platform’s adaptability to different educational contexts amplifies its market appeal. In conclusion, Study-AId aims to revolutionize the educational landscape by bridging the gap between AI tools and learning materials. Its innovative approach promises not just enhanced academic performance but also the fostering of ethical AI usage in education. This project represents a step forward in creating individualised, AI-assisted educational experiences, potentially impacting students nationwide.

**Keywords:** ChatGPT, Artificial Intelligence (AI), AI Pedagogy, Education, Educational Technologies