# Study-AId for UREKAFEST2024

Muhammad ‘Ariz bin Muhammad Akmal, Asrar bin Shahid, Nur Sarah binti Mat Zani @ Mohd Salahuddin, Nur Farzana Wan binti Mohd Khairi, Ikmal Faiq bin Istanadana

Universiti Malaya, 50603 Kuala Lumpur

\*Corresponding author’s email: 23000827@siswa.um.edu.my

**ABSTRACT**

Rapid technological advancements and global connectivity have led to significant changes in society, economics, and environment. Recent advancements in artificial intelligence is a highly celebrated field and have led to the development of ground-breaking technologies such as Open AI's ChatGPT. Modern technology like the ChatGPT language model has the potential to revolutionise the educational landscape. Nonetheless, the development of generative AI technologies poses significant issues for educators, as worries arise about students potentially utilising these tools unethically, misrepresenting their work, or gaining academic merits without actively participating in the learning process. Therefore, the idea of Study-AId is a sort of pedagogical solution to this approach by championing for healthy AI habits among students, breaking down barriers between learning materials and AI and ultimately advocating for the integration of AI in the education sector. Studies have shown that every student have multitudes of different approaches to learning, each bringing a benefit of its own to them. Studies have also shown that some of the more effective approaches derived from students include active recall, spaced repetition, time blocking, second brain and much more. Hence, it is believed that a possible innovative outcome from incorporating AI into education is by creating individualised learning environments. This can be achieved from analysing and evaluating learner characteristics and learner data collection. Looking at the scale, Study-AId dreams to bring an impact to students all over the country through creating a platform where students can practice the effective studying methods mentioned above, maximise their study time with their learning materials while having an AI assist in achieving all of that by creating an individualised learning environment for the students. Finally, in this research, Study-AId which is an AI assisted tool (app/website) filled with features that caters to each unique learner, is in the works towards full creation.

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