

# The Next Generation of Learning: AI Mentorship for a Transformative Educational Experience

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**Abstract:** *Developers of this augmented reality-based artificial intelligence education program aim at augmenting student engagement in learning through the incorporation of virtual mentors and the overall experience being made engaging, efficient, and personalized. Therefore, the application provides contextual support, tailored learning pathways, and real-time feedback that significantly enhance users' understanding of complex AI concepts with customized AI avatars and augmented reality technologies. These artificial intelligence mentors and assistants act as learning facilitators for both engineering and non-engineering students while enhancing the educational experience. The software features natural language processing to enable smooth communication; it introduces gamification into the courseware, adds quizzes, and provides rewards for a better learning experience, among other features*

**Keywords:** reality-based artificial intelligence