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(57) Abstract :

The invention discloses a computer system (1000) for enhanced augmented reality classroom learning, comprising a central processing unit (100), student AR devices (200), teacher interface (300), assessment module (400), and content management system (500), interconnected by a communication network (600). The system synchronizes AR content delivery, enables real-time student interaction, provides centralized teacher control, and integrates with existing infrastructure. Experimental validation confirms improved engagement, comprehension, and scalability, making it a transformative tool for immersive, interactive classroom education.

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