



香港城市大學
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Development and Evaluation of Mobile Teaching Tool with Augmented Reality to Enhance DEC

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Abstract:

Previous studies show that students tend to lose motivation and interest in AEC courses when delivering through traditional teaching channels (e.g., handout, power-point, textbook). To enhance students' learning experience, encourage students' engagement, and improve their academic performance, a new knowledge delivery method is needed. In this project, a new teaching tool integrating the Augmented Reality and Mobile Computing is proposed and will be developed to deliver the course topics for students. With the new tool, students will engage in the learning process more actively. The effectiveness of this tool will be evaluated using carefully designed experiments