

Application of AI to automatically generate multiple-choice tests for the Mobile Programming course module.

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Abstract: In the context of education increasingly demanding the application of technology, this topic focuses on developing an automated system for generating multiple-choice tests for the Mobile Programming course. The goal is to address issues of time and efficiency in the test creation process for exams. Through theoretical and experimental research, this topic will build an AI system capable of analyzing knowledge from textbooks and question banks to automatically generate tests. Upon completion, the system is expected to provide an effective solution for lecturers and students, while contributing to improving the quality of education.

Keywords: AI, Mobile Programming, Automatic Test Question Generation, Technology Education, Automated Systems