

Building an English vocabulary learning application for the IT industry on the Android platform

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Abstract: In the modern era of information technology (IT), the demand for communication and working in English is increasing. This topic focuses on building an English vocabulary learning application suitable for IT students, aiming to improve foreign language skills while supporting specialized learning. Using a combination of theoretical and experimental methods, the topic plans to develop a system on the Android platform, providing functions such as flashcards, audio dictionaries, and sentences through the integration of artificial intelligence (AI) technology to optimize the learning process. The expected results of the topic will significantly contribute to enhancing academic performance and developing comprehensive skills for IT students.

Keywords: Android app, English vocabulary, Information technology, AI knowledge