

Building English learning software for high school students on the Android operating system

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Abstract: This topic aims to research and design a mobile application to support the English learning process of high school students. The context is the increasing demand for improving foreign language skills in educational practice, especially in Vietnam. The objective of the topic is to develop an automated learning system on the Android platform with features such as listening, speaking, reading, and writing practice, along with the integration of periodic tests to evaluate results. The research method applies a combination of educational theory and experimental application of mobile technology. The expected result is to provide a useful solution for foreign language learning that is easy to use and aligns with the digital trend in education.

Keywords: Android application, Learning English, High School Education, Educational Technology, Software Development