Mobile App Development Through Designing Structural Visual Method for Effective Learning Foreign Language

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Abstract: The world of the latest information technologies is taking an ever-increasing place in our life. Mobile technologies are becoming an integral part of modern culture, including in the field of education. It is thanks to mobile technologies that student's interest in the subject increases significantly, and their thinking activity is activated. Therefore, we need to create a fast and efficient automated system that allows increased interest of students to learn foreign language. With such a system, the learner controls the learning process and progress in his own space based on his cognitive state and learners can speak the target language without effort and psychological barriers. The Purpose of the research is to create interactive speech trainer system based on a structural and visual approach, will ensure the formation of stable foreign language skills of trainees on the background of the active use of visual representation of language and interactive speech technology, this system use a technique for applying the visual Approach and structural-visual method in the educational environment by transforming grammatical information from verbal to graphic form. In this article we will describe the ideas that will guide the design of this system and our steps to develop our proposed architecture based on a visual model as a platform in mobile application to provide the process of controlling the formation of speech skills and allowing the transition from foreign language learning to its improvement and acceleration.

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