



XORIJY TILLARNI O'QITISHDA INNOVATSION YONDASHUVLAR NAZARIYANING AMALIYOTGA TATBIQI

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THE ROLE OF MOBILE APPS IN DEVELOPING LISTENING AND READING

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Annotation. *With the advancement of mobile technology and the growing integration of smartphones into education, the market for educational mobile applications, especially for second or foreign language learning has been expanding rapidly. However, research on the impact of mobile apps in learning English remains limited. The reviewed article primarily will examine the installation, evaluation and analysis of mobile applications used for language learning. These applications are specifically designed to enhance students' language skills, emphasizing the use of mobile technology for learning. They appear to be particularly effective in developing listening and speaking skills compared to other language abilities.*

Keywords: *Mobile-assisted Language Learning (MALL), Educational Mobile Applications, Language Learning Apps, Speaking Skills Development, Technology-Driven education, Gamification in Education, AI in Language Learning.*

Introduction. The emergence of modern technologies has significantly transformed the ways in which teaching and learning take place. Numerous research has been conducted to determine how mobile apps are used to teach listening and speaking skills. In formal education, developing strong listening skills can be challenging for students without consistent practice and appropriate learning resources. As a result, mobile learning applications are increasingly recognized as valuable tools for enhancing students' listening and speaking abilities.

Main body. Mobile learning also known as mobile-based learning refers to the use of devices like smartphones and tablets to enhance and facilitate the learning process. This term includes a wide range of educational resources that can be carried out directly, either connecting with teachers no matter how long the distance is or taking advantage of mobile apps' educational features to provide valuable learning opportunities. By incorporating, multimedia elements like video, audio and text, mobile learning enables students to grasp and master a language more effectively. In addition, the main benefits of mobile learning for candidates are providing feedback that is relevant to the learner's work as well as quizzes to ensure you gain information



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clearly. Using mobile learning applications for listening practice has a positive impact on student's ability to deeply understand English. The use of apps in teaching listening offers many chances, including a variety of ways to choose from. Listening is the ability that has an important role as the main foundation in language learning mastery which will be the pathway for other skills such as reading and writing. In language learning, listening skill enables learners to grasp vocabulary, intonation and sentence structure which are essential for effective communication with native speakers. According to some researchers, without good mastery of listening, students may struggle to grasp the context and subtlety of the language they are learning, which can, in turn, slow down their progress in developing speaking and reading skills. Thus, listening skills should be cultivated through a structured learning strategy so that students can deal with the presented material more effectively. Besides, enhancing listening skills, mobile learning applications also boost student's motivation to learn. The interactive and engaging nature of these apps makes listening practice more enjoyable, capturing student's interest and enthusiasm. Features such as gamification, challenges and feedback create a dynamic learning experience, transforming listening exercises into an entertaining activity. As a result, students not only develop their listening abilities but also cultivate a greater eagerness to continue learning. One example is Duolingo, which provides language courses with interactive lessons and real-life conversations. This platform focuses on practical communication skills, helping learners improve their vocabulary and grammar through dialogue-based exercises and speech recognition technology. The app will develop their language abilities in a well-rounded manner. Additionally, platforms like HelloTalk enable learners to engage in conversations with native speakers, offering a more immersive experience. Through text, voice messages and video calls, users can practice comprehension and pronunciation in a natural setting. These examples highlight how mobile learning applications can be effectively utilized to enhance student's listening proficiency. Another key advantage of mobile learning in language accession is its ability to offer access to a wide range of diverse and engaging learning materials. Students can effortlessly explore podcasts, videos, and other audio content that align with their learning goals. Overall, these features foster a learning environment that adjusts to and accommodates student's individual needs. A comparison of learning outcomes between students who use mobile learning applications and those who don't indicate a significant difference in listening proficiency. Qualitative data from interviews and observations reveals that students



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who engage with these apps feel more motivated and involved in their learning. Conversely, students who rely on traditional learning methods often find them monotonous and struggle to access engaging and relevant materials making the learning process less effective. These findings suggest that mobile learning applications can have a positive impact on student learning outcomes. Therefore, integrating technology into education, particularly in listening instruction is crucial for enhancing student's language proficiency.

Speaking skills have played a vital role in the history of English language education. According to, it is only in the last two decades that speaking has been recognized as an independent area of learning, teaching and assessment, with limited focus on the production of spoken discourse. Today, English serves as an official language or a primary medium of international communication in more countries than any other language. Proficiency in spoken English has become a gateway to career opportunities in the modern world. Having access to English speaking skills enables learners to express their thoughts, opinions, emotions and ideas effectively as well as to receive information and address problems. The growing number of spoken English institutes highlights the increasing demand for English communication skills. In countries where English is a second language, fluency in English is often associated with higher education and academic advancement. It is particularly essential for pursuing higher education and technical studies.

Speaking classes and programs have gained popularity among students worldwide. By actively using the language, students can assess their own progress. Thus, those who wish to showcase their fluency should make an effort to use it regularly. Enhancing oral skills allows students to communicate confidently and without hesitation. Mobile learning applications have been shown to support various language learning trends, including vocabulary, pronunciation practice, and personalized English reading experiences. These apps contribute to mobile learning activities that enhance contextual language learning. Researchers in Mobile-Assisted Language (MALL) have also explored the role of mobile technology in language education. Mobile phones provide advantages such as personalization, spontaneity, informality, authenticity and constant accessibility. Additionally, M-learning aligns with various learning theories and instructional approaches. Vocabulary and grammar learning apps have proven effective for mobile use, particularly within teacher-centered and behaviorist frameworks. Smartphones equipped with suitable software can significantly enhance small-group interactive learning as demonstrated in



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previous examples. The ability to use mobile devices for education is independent of their general utility for studying. The unique learning experience offered by smartphones allows learners to communicate, engage and collaborate directly with their community groups, fostering active participation in decision-making. Unlike laptops or other mobile devices, smartphones facilitate face-to-face interactions and physical expressiveness among students which cannot be fully replicated through digital tools. When it comes to extracurricular activities, mobile learning technology provides to be more effective than conversational classroom methods. By integrating real-world tasks, research activities become more practical and applicable. Moreover, studying outside the classroom using a smartphone helps student make better use of their free time, ultimately enhancing their academic performance in the long run. Ko and Lim developed the WikiTalki smartphone app to enhance English-speaking instruction in South Korean classrooms. Their study evaluated the app's effectiveness in terms of student engagement, confidence, oral communication skills and perceived achievement in speaking English. Similarly, Chang and Lan explored how a flipped EFL classroom using the Line mobile app influenced college students' perceptions and performance in English. Their research employed a pilot study approach, utilizing an initial English-speaking test, follow-up tests, surveys and group discussions. The findings indicated that the approach was effective, as students demonstrated improved speaking abilities. Collectively, these studies contribute to a deeper understanding of how technology enhances language proficiency, student attitudes and overall learning outcomes in EFL settings. Also, Artificial Intelligence (AI) has revolutionized language learning, particularly through speech-to-text technologies that provide pronunciation feedback. These tools transcribe spoken language into text, enabling learners to identify and correct pronunciation errors, thereby improving accuracy and fluency.

Conclusion. One study introduced a method for listening to music on mobile devices where several videos and listening exercise were published on a website to aid students in language learning. Researchers found that incorporating mobile technologies into English listening exercises helped students improve their listening comprehension. The growing use of podcasts in education further supports this trend. Besides, The study indicated that students' English speaking skills have shown steady improvement, regardless of their socioeconomic background. This underscores the role of self-motivation, inner drive and enthusiasm in the language process. Ultimately, the study supports the continued adoption of technology-driven and



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personalized learning approaches in higher education, ensuring more accessible and effective language instructions.

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