



XORIJIY TILLARNI O'QITISHDA INNOVATSION YONDASHUVLAR NAZARIYANING AMALIYOTGA TATBIQI

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THE ROLE OF AI IN LEARNING LANGUAGES

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Abstract. *This paper examines the role of AI-powered applications in language learning, highlighting their advantages, limitations, and best practices for effective usage. As traditional language learning methods can be time-consuming and expensive, AI-driven tools provide accessible, flexible, and engaging alternatives. The study explores various AI applications, including Duolingo, ChatGPT, Elsa Speak, Rosetta Stone, and Babbel, analyzing their features and effectiveness. Additionally, it offers recommendations on how students can utilize these technologies responsibly to enhance their language proficiency.*

Key words: *Duolingo, ChatGPT, Rosetta Stone, Elsa Speak, Babbel.*

Introduction. In the 21st century, an increasing number of people are eager to learn multiple languages. However, due to their academic and professional commitments, many individuals struggle to find the time to attend traditional language centers. Considering these challenges, AI-powered language learning programs have emerged as an effective solution, allowing users to learn languages at their own pace, for free, and at any time that suits them. These applications not only provide flexibility but also engage learners through interactive activities and gamified experiences, making language acquisition more enjoyable and efficient. Several AI-driven applications have revolutionized language learning, each offering unique features. One of the most widely recognized among them is Duolingo.

Duolingo: A Gamified Language Learning App

Duolingo is a free language learning app created by Luis von Ahn and Severin Hacker in 2011. As of today, it offers more than 50 languages and has attracted over 500 million users worldwide, with its user base continuing to grow. This growth is largely due to its accessible and engaging learning approach, which makes language acquisition both effective and enjoyable. The platform allows users to develop skills in grammar, listening, and speaking through interactive exercises. Learners can make up to five mistakes per lesson before they are required to restart. Each day, new words, expressions, and sentence structures are introduced, followed by practice through games and exercises. At the end of each level, users must complete a test or



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exam before advancing to the next stage, ensuring progressive learning and knowledge retention.[1]

ChatGPT: Your AI Assistant for Everyday Life

ChatGPT is an AI-powered application designed to assist people in various aspects of life. Although it was created by OpenAI in 2020, it has been continuously evolving and improving with ChatGPT, you can enhance your writing, grammar, and speaking skills. It can generate content on any topic, translate texts, and correct grammatical errors. Additionally, you can engage in conversations on various subjects, allowing you to refine and improve your speech. However, while ChatGPT is a powerful tool for learning and self-improvement, it should not be used to cheat on assignments or deceive teachers.[2]

Elsa Speak: AI-Powered Speaking Assistant

Elsa Speak is an AI-based program mainly focused on improving and developing speaking skills. After registering in the app, you start learning new vocabulary based on the level you chose earlier. You need to make sentences using new words, and the app checks your grammatical structure, as well as coherence and cohesion in your speech. However, there is a daily limit on free usage. But if you subscribe, you can access the app anytime you want.[3]

Rosetta Stone: Immersive Language Learning with AI

Rosetta Stone is an AI-based language learning app developed in 1992 in the USA. It offers courses in more than 24 languages, making it one of the most comprehensive language-learning platforms. One of the most unique aspects of Rosetta Stone is its immersive approach—you learn a new language without relying on your mother tongue. Instead, the app uses pictures and definitions to help you understand words naturally, allowing for deeper language acquisition. With its AI-powered TruAccent feature, you can refine your pronunciation and improve your speaking skills. Additionally, the app supports both online and offline learning, so you can continue practicing even without an internet connection. For those who opt for the Pro version, Rosetta Stone offers live classes with teachers from around the world, providing an even more interactive and engaging learning experience.[4]

Babbel: Practical Language Learning with AI

Babbel is an AI-powered language learning app that focuses on practical communication for travel, business trips, and daily life. It tailors a personalized learning plan based on your progress and mistakes, ensuring an efficient and adaptive experience. Lessons are designed around real-life words, expressions, and situations,



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making it easier to apply what you learn. The app also uses AI to analyze your speech and encourages you to use new vocabulary, helping you memorize words more effectively. With AI-generated real-life scenarios and dialogues, Babbel creates an immersive experience, making you feel like you're conversing with a tourist or a native speaker. Additionally, it offers offline learning, allowing you to practice anytime, even without an internet connection.[5]

Conclusion. The role of AI in language learning is becoming increasingly significant. Since traditional language learning methods can be time-consuming and costly, more people are turning to AI-powered apps to learn efficiently and for free, especially those with busy schedules due to work or studies. These apps are also gaining popularity among students, with ChatGPT being one of the most widely used. While many students leverage these tools for meaningful learning, some may over-rely on them for completing homework rather than actively engaging in language acquisition. Students should utilize these applications strategically, focusing on grammar refinement, vocabulary expansion, and conversational practice rather than solely relying on them for academic tasks. By doing so, they can make the most of modern technology while maintaining integrity in their learning process.

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