

## LANGUAGE LEARNING THROUGH MOBILE APPLICATIONS: A COMPARATIVE ANALYSES OF DUOLINGO, MEMRISE, AND CHATGPT

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**Annotatsiya:** Bugungi kunda ko'pchilik mobil ilovalar yordamida tillarni o'rganmoqda. Bu oson, qulay va biz xohlagan joyda - uyda, avtobusda yoki tanaffusda o'qishimiz mumkin. Smartfonlar doimo biz bilan bo'lganligi sababli, o'rganish moslashuvchan bo'ladi va har qanday turmush tarziga mos keladi. Til o'rganish uchun uchta mashhur dastur - Duolingo, Memrise va ChatGPT. Ularning har biri o'quvchilarga turlicha yordam beradi. Ushbu maqolada ilovalar qanday ishlashini, qanday afzalliklarga ega ekanligini va qaysi biri turli o'quvchilar uchun foydali bo'lishi mumkinligini tushuntiriladi.

**Kalit so'zlar:** mobil ilovalar, tarjimashunoslik, Duolingo, Memrise, ChatGPT

**Аннотация:** В наши дни многие люди изучают языки с помощью мобильных приложений. Но иногда удобнее учиться где угодно — дома, в автобусе или во время перерывов. Поскольку смартфоны всегда с нами, обучение становится гибким и вписывается в любой образ жизни. Для организации обучения можно использовать Duolingo, Memrise и ChatGPT. Каждое из этих приложений помогает учащимся по-разному. В этой статье я расскажу, как

работают эти приложения, в чем их преимущества и как каждое из них может быть полезно для разных категорий учащихся.

**Ключевые слова:** мобильные приложения, переводоведение, сопоставительный, Duolingo, Memrise, ChatGPT

**Abstract:** Today many people learn languages using mobile apps. It is easy, comfortable, and we can study anywhere — at home, on a bus, or during a break. Because smartphones are always with us, learning becomes flexible and fits any lifestyle. Three popular apps for language learning are Duolingo, Memrise, and ChatGPT. Each of them helps learners in a different way. In this article, is to be explained how these apps work, what advantages they have, and which one can be useful for different learners.

**Key words:** mobile applications, translation, comparative analysis, Duolingo, Memrise, and ChatGPT.

Nowadays, digital technology is transforming the way people study foreign languages. Instead of using traditional textbooks, many learners choose interactive mobile platforms that make the process more interesting and motivating. Mobile apps offer short lessons, games, videos, and speaking practice, allowing users to study even if they only have a few minutes a day. Research shows that mobile-assisted language learning increases learner autonomy, engagement, and accessibility (Kukulska-Hulme & Shield, 2008; Traxler, 2009). Some apps focus on vocabulary, others help with grammar or pronunciation, and some even create real-time conversations with artificial intelligence. Because of these features, mobile learning becomes more personal and effective (Godwin-Jones, 2011).

This study is grounded in a qualitative research design, which allows for an in-depth exploration of the features, functions, and pedagogical value of three widely used language-learning platforms: Duolingo, Memrise, and ChatGPT. Through descriptive analysis, the study examines how each tool supports language acquisition, their methodological approaches, and the types of learning experiences they provide (Burston, 2015).

## **Duolingo**

Duolingo is one of the most popular mobile applications for language learning, known for its user-friendly interface and game-based learning environment (Duolingo, 2025). It employs gamification techniques such as earning points, completing levels, maintaining daily streaks, and unlocking achievements. These elements increase learner motivation and encourage consistent practice.

The app provides short, interactive exercises that focus on vocabulary, sentence formation, and basic grammar structures. The lessons are designed to be quick and easily accessible, which is ideal for learners with limited time (Chinnery, 2006). Duolingo also makes extensive use of spaced repetition, ensuring that learners review vocabulary at optimal intervals to improve long-term retention. The platform primarily targets reading, listening, and basic speaking skills, offering simple speaking tasks and pronunciation practice. However, studies show that apps like Duolingo may be less effective for advanced writing or complex grammar development (Stockwell, 2013).

## **Memrise**

Memrise is another widely used language-learning app, particularly recognized for its strong emphasis on vocabulary acquisition (Memrise, 2025). Like Duolingo, it uses spaced repetition to help learners remember new words more effectively through regular review cycles (Burston, 2015).

A notable feature of Memrise is its inclusion of authentic video clips recorded by native speakers, which expose learners to natural pronunciation, accents, and real-life usage of the language. This aligns with findings that real-world input improves listening comprehension and cultural awareness (Godwin-Jones, 2011). The platform focuses mainly on vocabulary building, making it especially useful for beginners who need to quickly expand their word bank. Memrise also incorporates mnemonics and memory techniques, helping learners associate new words with vivid images or memorable cues, which increases recall efficiency (Chinnery, 2006).

## **ChatGPT**

ChatGPT offers a significantly different approach to language learning, functioning as an interactive AI-powered assistant rather than a traditional learning app (OpenAI, 2025).

It provides real-time conversational practice, allowing learners to simulate natural dialogues on a wide variety of topics. This type of interaction has been shown to develop fluency and confidence in communication (Kukulska-Hulme & Shield, 2008).

The tool offers clear explanations, corrections, and illustrative examples that support deeper understanding of grammar, vocabulary, and overall language use. ChatGPT can also adapt to the learner's level—responding with simplified or advanced explanations depending on the user's proficiency. One of its major advantages is the ability to generate personalized learning materials, including dialogues, role-plays, translation tasks, and writing prompts. This level of customization makes the learning process highly flexible and learner-centered (Traxler, 2009).

The analysis of the three applications shows that each one supports language learning in a different way. Duolingo helps learners stay motivated through gamification and short daily exercises. Memrise focuses on vocabulary development and uses real-life videos to make learning more natural. ChatGPT provides the most personalized experience by offering real-time conversations, explanations, and customized tasks. Together, these apps demonstrate that mobile learning can be flexible, engaging, and effective for different types of learners (Burston, 2015; Godwin-Jones, 2011).

Mobile apps make language learning easier and more enjoyable. Duolingo, Memrise, and ChatGPT each have their own strengths. If used correctly and regularly, they can help learners make fast progress in any language. The most important factor is to stay motivated, practice every day, and enjoy the process of learning.

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