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ІНОЗЕМНИХ МОВ
ДЛЯ СПЕЦІАЛЬНИХ ЦІЛЕЙ**

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У збірнику статей висвітлено методичні та педагогічні аспекти викладання мов, спрямовані на розвиток мовної культури як важливого елементу забезпечення лінгвістичної безпеки держави. Обговорено підходи до формування ініомовної компетентності правоохоронців України з урахуванням сучасних викликів та потреб, а також міжкультурної ініомовної компетентності, яка набуває особливого значення в освітньому процесі. Значна увага приділена організації самостійної роботи студентів, впровадженню інноваційних методів та форм навчання мов. Досліджено можливості онлайн-навчання як альтернативної форми до традиційних підходів, зокрема його переваги та виклики. Окремі статті присвячено актуальним викликам і перспективам сучасного навчання мов у багатокультурному середовищі, що підкреслює важливість розуміння культурного розмаїття у процесі вивчення та використання мов.

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MOBILE APPLICATIONS FOR LANGUAGE LEARNING AND THEIR INTEGRATION INTO THE EDUCATIONAL PROCESS

Abstract. *The use of mobile applications provides individualised learning by allowing materials to be tailored to the needs of each student, and stimulates motivation through interactive elements and gamification. Such applications often offer a variety of learning formats, from interactive lessons to video communication with native speakers, which facilitates deeper immersion in the language environment and the development of communication skills.*

The article describes some mobile applications for learning foreign languages, including Duolingo, Memrise, Babbel, Rosetta Stone and HelloTalk. Their positive aspects are highlighted and the ways of their integration into the educational process are determined (applications can be used for interactive classes where students communicate with native speakers or other students; mobile applications complement traditional teaching methods, creating a more effective and interesting learning environment; mobile applications in the educational process play a significant motivating factor; teachers can use mobile applications to do homework and repeat material in an interactive and interesting way).

Key words: *mobile applications, integration, educational process, foreign language.*

Анотація. Використання мобільних додатків забезпечує індивідуалізацію навчання, дозволяючи адаптувати матеріали під потреби кожного студента, а також стимулює мотивацію завдяки інтерактивним елементам та гейміфікації. Такі додатки часто пропонують різноманітні формати навчання – від інтерактивних уроків до спілкування з носіями мови через відеозв'язок, що сприяє більш глибокому зануренню у мовне середовище та розвитку навичок спілкування.

У статті дано характеристику деяким мобільним додаткам для вивчення іноземних мов, зокрема Duolingo, Memrise, Babbel, Rosetta Stone та HelloTalk. Виокремлено їхні позитивні сторони і визначено шляхи їх інтеграції в навчальний процес (додатки можна використовувати для проведення інтерактивних занять, де студенти спілкуються з носіями мови або іншими студентами; мобільні додатки доповнюють традиційні методи викладання, створюючи більш ефективне та цікаве навчальне середовище; мобільні додатки у навчальному процесі відіграють роль значного мотивуючого фактора; викладачі можуть використовувати мобільні додатки для виконання домашніх завдань і повторення матеріалу в інтерактивній та цікавій формі; мобільні додатки можна інтегрувати у навчальний процес для поліпшення вимови, навичок слухання та говоріння, в тому числі з носіями мови).

Ключові слова: мобільні додатки, інтеграція, навчальний процес, іноземна мова.

Formulation of the problem. Integration of mobile applications and language learning platforms is one of the most modern and promising trends in teaching foreign languages in higher education. With the rapid development of information technology, mobile applications are becoming an integral part of the learning process, providing students with the opportunity to learn languages from anywhere and at any time. The use of mobile applications provides individualised learning, allowing materials to be tailored to the needs of each student, and stimulates motivation

through interactive elements and gamification. Such applications often offer a variety of learning formats, from interactive lessons to video communication with native speakers, which facilitates deeper immersion in the language environment and the development of communication skills. Thus, mobile apps and platforms are becoming a powerful tool in the hands of teachers, helping to create a more efficient and dynamic learning process. This issue covers various aspects, from analysing the effectiveness of such applications to their impact on student motivation and performance. The main areas of research in this issue include an overview of mobile apps for language learning, the benefits of using mobile apps, the impact on the learning process, research on the effectiveness of mobile apps, challenges and limitations, integration of mobile apps into the learning process, and future prospects.

In our study, we will focus on the analysis of advanced mobile applications that, in our opinion, have proven to be effective and have been successfully integrated into the educational process of educational institutions. These applications include: Duolingo, Memrise, Babbel, Rosetta Stone, HelloTalk.

Analysis of the latest research. Numerous works by domestic and foreign researchers are devoted to the study of mobile applications and ways to integrate them into the process of learning foreign languages. Their number is constantly growing, as the issue of improving and implementing new methods in the learning process remains relevant for further research.

When exploring mobile apps in foreign language learning, a lot of researchers single out their advantages and disadvantages [3]. In particular, M. Samii explores the advantages and disadvantages of using Duolingo to learn a new language [4].

The focus of Ranguh Ajisoko's research is to explore the use of Duolingo apps in improving students' vocabulary by involving 10 students as sample with 30 days practicing Duolingo Apps [1].

According to the research of L. Sanda and B. Klimova who discuss the existing mobile applications that could be exploited in learning English especially by elderly, the most relevant for learning English by seniors seems to be Duolingo because it has

a very pleasant processing, all the content is reachable and orientation in the application is very easy [5].

In turn, domestic researchers are exploring the possibilities of mobile technologies for teaching a foreign language, revealing the meaning of the concept of 'mobile learning', proving its significant advantage over traditional learning [7], investigate the problem of using mobile applications in the process of learning English, as well as in students' independent work [8], consider the didactic potential of mobile applications in learning English as a foreign language [6].

The purpose of our study is to characterise some mobile applications for learning foreign languages, including Duolingo, Memrise, Babbel, Rosetta Stone and HelloTalk, highlighting their positive aspects and identifying ways to integrate them into the learning process.

Presenting main material. Among numerous mobile language learning apps available, our research focuses on popular platforms such as Duolingo, Memrise, Babbel, Rosetta Stone and HelloTalk. These apps were chosen because of their widespread use, variety of methods and positive user feedback. In this paper, we will analyse their functionality, effectiveness in language learning and impact on the learning process. In addition, we will compare these apps by several criteria: usability, variety of language courses, available features, interactivity and gamification, variety of learning materials, personalisation of learning, etc.

Duolingo is a popular mobile app for learning more than 40 foreign languages, which is known for its accessibility, convenience and effectiveness. Duolingo offers free access to a large number of courses for learning different languages. Although there is a premium version with additional features, the basic features are available for free, making it attractive to a wide range of users. The entire learning process is gamified to the maximum extent possible [10]. The app uses game elements to increase user motivation. Lessons are presented in the form of short tasks, for which the user receives points, rewards, and reaches new levels. Duolingo offers tasks to develop various language skills: reading, writing, listening and speaking. But the focus is primarily on learning words and translating sentences and phrases [10]. Users

complete exercises to select the correct answers, pronunciation and other activities. The application adapts to the user's level of knowledge and speed of progress, which allows them to learn the material more efficiently. Regular repetition and practice exercises help to reinforce what you have learned. Duolingo has built-in social features that allow users to communicate with each other, share experiences and achievements. This creates additional motivation and support in the learning process. The app is regularly updated with new courses and features, allowing users to always have access to the latest materials and language learning methods. Duolingo has become one of the most popular language learning tools due to its simplicity, effectiveness, and accessibility, attracting millions of users worldwide [2].

Memrise is a mobile application for learning foreign languages that features a unique approach to learning based on the use of mnemonic techniques and associative thinking for learning. The app offers users to create associations between new words and already known concepts, which helps them to memorise material faster and more efficiently. The main focus of the app is on expanding vocabulary and practising pronunciation. You can choose any topic and learn phrases that will come in handy in real life [10]. Memrise offers courses created by native speakers, which allows users to learn the language first-hand. Videos with native speakers help you better understand pronunciation and intonation, as well as different dialects and accents. Similar to Duolingo, Memrise makes extensive use of gamification elements. Users progress through levels, receive points and rewards for completing tasks, which helps to maintain a high level of motivation. The app offers various types of tasks, including flashcards, tests, pronunciation exercises and other activities that contribute to the comprehensive development of language skills. Memrise adapts to the user's level of knowledge and offers individualised recommendations for further learning. Regular repetition and special exercises help to consolidate what you have learnt. The app allows you to download courses for offline learning, which is convenient for those who travel frequently or have limited access to the Internet. Memrise has an active community of users who share their courses, experiences and advice. This creates additional support and motivation in the learning process. Furthermore, the

app is constantly updated with new courses and features, providing users with access to up-to-date and effective language learning methods. Memrise is a powerful tool for those who want to learn foreign languages in an effective and fun way, using modern technology and innovative teaching methods [2].

Babbel is one of the leading mobile language learning apps that provides effective and structured courses for different levels of proficiency. Moreover, it gives Ukrainians the opportunity to learn one of the 14 available languages for free for three months [10]. One of the main characteristics of this app is that it focuses on developing practical skills that are necessary to communicate in real-life situations. The courses include dialogues related to everyday life, work, travel and other topics. The app offers clearly structured courses that have been developed by professional linguists. Each course is built on a modular basis, allowing you to gradually progress from simple to more complex topics. In addition to general courses for beginners, Babbel has separate packages dedicated to improving specific skills. You can also join online lessons with teachers and a small group of students in real time [10]. Babbel includes exercises to develop all language skills: reading, writing, listening and speaking. This provides a comprehensive approach to language learning. The app uses interactive learning methods such as flashcards, dialogues with interactive elements, and pronunciation exercises to make the learning process more engaging. Babbel adapts courses to the user's level of knowledge and progress. Regular repetition of the material helps to consolidate knowledge and skills. All Babbel courses are based on modern teaching methods and have been tested for effectiveness. The materials are constantly updated and supplemented with new topics. Users can download lessons for offline learning, which is convenient for those who have limited access to the Internet or travel frequently. Babbel supports cross-device synchronisation, allowing you to continue learning from anywhere on different platforms. The app not only teaches languages, but also introduces users to the culture of the country whose language they are learning. This helps to better understand the context of language structures and phrases. Babbel is a reliable choice

for those who want to learn foreign languages systematically and effectively using modern technologies and methods [2; 10].

Rosetta Stone is one of the oldest and most well-known and widely used foreign language learning software, distinguished by its unique methodology of immersive learning. You can subscribe to a premium account for 3 and 12 months or for life. Without premium access, you can only take the first few introductory lessons. One lesson in the app lasts 5-10 minutes [10]. Rosetta Stone uses the Immersion Method, where users learn new words, phrases, and grammatical structures through context and images without translation into their native language. This helps to develop thinking in the target language and makes it easier to absorb new knowledge. The app offers interactive lessons that include pronunciation, listening, reading and writing exercises. This allows you to comprehensively develop all language skills. Rosetta Stone uses TruAccent speech recognition technology, which helps users improve their pronunciation by comparing it to that of native speakers. The app also provides an opportunity to attend online lessons with native speakers in real time. The application is available both on mobile devices and through a web browser, allowing users to learn a language at any time and from any place. Rosetta Stone supports downloading lessons for offline learning, making it convenient for use when travelling or when you have limited access to the Internet. The app adapts to each user's progress, offering individualised learning plans and regular repetition to reinforce what they have learned. Rosetta Stone offers courses in more than 20 languages, allowing users to choose and learn different languages from a single app. Lessons in the app include information about the culture and traditions of the countries whose languages are being studied. This helps users to better understand the context of language structures and phrases. Rosetta Stone provides support to users through online communities, forums and other resources, which helps to create additional motivation and support in the learning process. This app is an excellent choice for those looking for a deep dive into language learning using innovative technologies and effective teaching methods [10].

HelloTalk is a unique mobile application for learning foreign languages, which, unlike previous applications that are purely educational programmes, is more like a social network for practicing live communication in the language being studied [10]. The main function of HelloTalk is the ability to communicate with native speakers. Users can find partners for language exchange, communicate through text messages, voice recordings, video calls, and audio calls. You can write posts that can be seen by all users or communicate with individuals in private messages. HelloTalk offers native speakers of about 150 languages. The perfect match happens when you find a native speaker of the language you need who is mastering your native language [10]. The app offers various tools to improve learning, such as a built-in translator, grammar and pronunciation corrections, voice and text recording features for further analysis and error correction. HelloTalk has a feature for creating and participating in language clubs and communities of interest. This allows users to communicate on specific topics, share knowledge and cultural backgrounds, and participate in group discussions. Users can share photos, videos, and audio with captions in different languages, which helps them to better understand language structures and expand their vocabulary. The app supports learning through real-life situations, which helps you better understand and remember new words and phrases. Communicating with native speakers helps you to apply your knowledge in everyday life. HelloTalk adapts to the user's level of knowledge and interests, allowing them to use the app more effectively to achieve specific learning goals. In addition to chatting, HelloTalk offers various language courses and lessons to improve grammar, vocabulary and pronunciation. HelloTalk also has a learning section where you can find exercises to memorise new words and texts to read and listen to. The app pays great attention to the security and privacy of users, ensuring the protection of personal data and the ability to block unwanted contacts. HelloTalk is a great tool for those who want to learn foreign languages through active communication with native speakers and immersion in a cultural context [10].

Combining traditional teaching methods with mobile apps can significantly improve the learning process. Firstly, teachers can use apps to conduct interactive

lessons where students communicate with native speakers or other students (HelloTalk, Tandem), quizzes and other activities that increase student engagement. This can be either part of the lesson or an additional extracurricular activity.

Secondly, the integration of tasks performed through mobile applications into the curriculum helps to improve and diversify the learning process. This allows for an integrated learning system where mobile applications complement traditional teaching methods, creating a more effective and engaging learning environment.

Thirdly, mobile applications in the learning process play a significant motivating factor, as the system of rewards and achievements provided by the apps for successful completion of tasks creates a sense of competition among students, encourages them to be the best, thus motivating them to study regularly and achieve better results (Duolingo).

Fourthly, by providing access to a variety of audio and video materials, mobile applications (Rosetta Stone, Beelinguapp) can be integrated into the learning process to improve pronunciation, listening and speaking skills, including with native speakers.

In addition, teachers can use mobile applications (Duolingo, Memrise) to complete homework and review material in an interactive and engaging way. Students can work through specific lessons or sections, and the results can be discussed in the next class.

Teachers can incorporate apps into group projects, where students use them to gather information, prepare presentations, or complete collaborative tasks. For example, creating a video in a foreign language using the vocabulary and grammar learnt through the app.

Using apps such as Beelinguapp, teachers can engage students in reading literary works and articles in a foreign language. This helps not only to learn the language but also to immerse themselves in the culture of the country.

Teachers can also track students' progress through applications (Lingvist) and give individual recommendations, as statistics and analytics help to adjust the

learning process. This helps to take into account the individual needs and level of training of each student.

Using apps such as Google Translate or Linguee during class will be useful for quickly translating words and phrases. This helps students find the information they need quickly and focus on their studies.

Mobile applications help to maintain communication. Teachers and students can communicate and share materials through apps.

Moreover, teachers can use mobile apps to conduct tests and surveys. For example, the Kahoot! app allows you to create interactive quizzes that students can take in real time during class.

In our opinion, the integration of mobile applications into the learning process will help make classes more dynamic, interactive and effective, increasing students' motivation to learn foreign languages.

Conclusions. Mobile language learning applications are a powerful tool in modern education that promotes the development of language skills through interactive methods and innovative technologies. Each of the reviewed apps has its own unique characteristics and approaches that can be effective in different learning contexts, and their integration into the learning process opens up new opportunities for effective and engaging learning, improving students' motivation and performance. As for the prospects for further research, we propose to study mobile applications that can be used for teaching foreign languages for special purposes.

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