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Key Features of AI Applications in Foreign Language Teaching

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Abstract

The purpose of this study is to assess the features of artificial intelligence (AI) applications in foreign language teaching. The study provides a framework for evaluating AI by focusing on the areas of use of AI applications and their contributions to the foreign language learning process. A qualitative research approach using document analysis was adopted as the research design and method. In this approach, it is aimed to provide guidance for developing more effective and innovative solutions in the field of language teaching by focusing on the advantages, limitations and future potential of existing AI applications. In this context, the study identified AI applications that are suitable for use in foreign language teaching, and then classified these applications under 13 categories: asking questions and getting answers, visual creation, music creation, voice-to-text conversion, audio recording, spell check, presentation preparing, video creation, voice generator, language practice, academic learning, course creation and gamification. These applications were evaluated in terms of their advantages for personalized learning, their contribution to interactive teaching methods and their status in meeting student needs. In addition, the study emphasized the importance of integrating AI into foreign language teaching activities to support learning, increase efficiency and encourage more student participation.

Keywords: foreign language teaching, artificial intelligence, artificial intelligence applications, language learning, AI.

Yabancı Dil Öğretiminde Yapay Zekâ Uygulamalarının Temel Özellikleri

Öz

Bu çalışmanın amacı, yabancı dil öğretiminde yapay zekâ (YZ) uygulamalarının özelliklerini değerlendirmektir. Çalışma, YZ uygulamalarının kullanım alanlarına ve yabancı dil öğrenme sürecine katkılarına odaklanarak YZ'nin değerlendirilmesine yönelik bir çerçeve sunmayı hedeflemektedir. Araştırma deseni ve yöntemi olarak doküman analizine dayalı nitel bir araştırma yaklaşımı benimsenmiştir. Bu yaklaşım doğrultusunda; mevcut YZ uygulamalarının avantajları, sınırlılıkları ve gelecekteki potansiyelleri ele alınarak dil öğretimi alanında daha etkili ve yenilikçi çözümler geliştirilmesine yönelik rehberlik sağlanması amaçlanmıştır. Bu bağlamda, yabancı dil öğretiminde kullanılmaya uygun YZ uygulamaları belirlenmiş ve bu uygulamalar 13 kategori (soru sorma ve yanıt alma, görsel oluşturma, müzik oluşturma, sesten metne dönüştürme, ses kaydetme, yazım denetimi, sunum hazırlama, video oluşturma, ses üretme, dil pratiği yapma, akademik öğrenme, kurs oluşturma, oyunlaştırma) altında sınıflandırılmıştır. Bu uygulamalar; kişiselleştirilmiş öğrenmeye sundukları avantajlar, etkileşimli öğretim yöntemlerine katkıları ve öğrenci ihtiyaçlarını karşılama düzeyleri açısından değerlendirilmiştir. Ayrıca çalışmada, öğrenmeyi desteklemek, verimliliği artırmak ve daha fazla öğrenci katılımını teşvik etmek amacıyla yapay zekânın yabancı dil öğretim etkinliklerine entegrasyonunun önemi vurgulanmıştır.

Anahtar kelimeler: yabancı dil öğretimi, yapay zekâ, yapay zekâ uygulamaları, dil öğrenimi, YZ.

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INTRODUCTION

Technological advancements have consistently shaped the realm of education, presenting both opportunities and challenges for its core elements, including schools and their essential stakeholders such as teachers, school administrators, students, and families (Gentile et al., 2023). Artificial intelligence (AI) has significantly influenced foreign language education through tools and methods such as machine learning, natural language processing, and adaptive learning (Pokrivcakova, 2019). AI in foreign language teaching is a rapidly developing field with significant potential to enhance and innovate the language learning process. AI stands out with its ability to personalize the learning experience by focusing more precisely on the needs of students in the language learning process. This includes providing designed lesson plans and materials based on an analysis of the student's language level and learning style. AI can also assist students by offering real-time feedback, helping them identify and correct their mistakes. As a result, the language learning process becomes more effective and efficient, while also increasing students' interest and motivation to learn the language. In this context, AI applications have the potential to make significant contributions to the language learning process. AI applications such as Duolingo and Praktika have already shown promise in personalizing learning paths for students based on their individual needs and progress. These technologies offer interactive exercises, real-time feedback, and adaptive challenges that improve to diverse learning styles. Despite the growing interest in AI for educational purposes, there remains a need for comprehensive analysis regarding its effectiveness compared to traditional methods. However, there are also concerns that AI may replace human teachers (Chan & Tsi, 2024; Louis & ElAzab, 2023; Gentile et al., 2023). But the primary goal of AI is to support human teachers and provide students with more resources and opportunities. When used effectively, AI is seen as an important tool for enhancing the language learning process. The integration of AI into language education has notably supported the development of essential language skills, including pronunciation, vocabulary, grammar, writing, and speaking. These skills are important for achieving comprehensive language proficiency, enabling learners to communicate effectively in both academic and professional contexts (Kruk & Kałużna, 2025). AI tools in language learning can support student independence (Mohebbi, 2025). Recent research also shows that AI can help with formative assessment (Li et al., 2023; Liao et al., 2024; Zhai & Nehm, 2023). Tools like intelligent tutors and automated writing evaluators give feedback that helps students track their progress and helps teachers adjust their lessons (Dermeval et al., 2018; Diziol et al., 2010). In addition, empirical studies suggest that AI-powered pronunciation and speech recognition tools contribute to oral fluency and accuracy, particularly for learners who have limited access to native speakers (Abdelhalim & Alsehibany, 2025; Shafiee Rad & Roohani, 2024). These tools create realistic settings for practicing real-life communication.

Recent studies have provided a broader understanding of how artificial intelligence is transforming the landscape of foreign language education. Liang et al. (2023) conducted a large-scale review of artificial intelligence in language education (AILEd) studies and found that AI technologies, particularly intelligent tutoring systems (ITS) and natural language processing (NLP), are most frequently applied to enhance writing, reading, and vocabulary acquisition. Similarly, Aljanadbah et al. (2025) emphasized that adaptive learning systems, intelligent chatbots, and automated writing feedback tools play a pivotal role in creating personalized and engaging learning experiences, though they also raise ethical concerns such as data privacy and algorithmic bias. Oluwafemi Ayotunde et al. (2023) revealed through a systematic review that AI-driven learning management systems significantly improve the four key language skills by offering individualized and interactive experiences. In addition, Almelhes (2023) demonstrated that AI-assisted pronunciation systems support second-language learners in mastering phonetic accuracy across diverse dialects, while Semerikov et al. (2021) conceptualized AI-assisted language education (AILE) as an interdisciplinary field that integrates personalization, collaboration, and interactivity. Danesi (2024) further contextualizes these technological advancements by underscoring the balanced integration of human educators and AI systems in blended and student-centered language learning environments. Şimşek (2025) states that while artificial intelligence-supported applications offer personalized and accessible learning opportunities, they also pose ethical challenges regarding justice and cultural sensitivity. Together, these studies demonstrate that AI has evolved from a supplementary classroom technology into a central pedagogical agent capable of reshaping both the methods and goals of modern foreign language education.

The current literature lacks a comprehensive review of the AI applications in foreign language teaching. This gap may present a barrier for language instructors who wish to incorporate AI into their lessons, as they may struggle to find suitable, effective AI applications for their purposes. Teachers searching for AI applications individually on the internet for their lessons could also waste time and energy. However, having a single resource

with information on AI applications, their uses, and examples could provide many benefits for both teachers and students. At the same time, it could also benefit researchers working in this field. A framework needs to be established to determine the current status of AI applications in foreign language teaching, evaluate their areas of use, and understand their contributions to the language learning process. In this context, this study aims to provide guidance for developing more effective and innovative solutions in the field of language teaching by focusing on the advantages, limitations, and future potential of existing AI-based language teaching applications. Therefore, the effective integration and management of AI in language teaching is critical to realizing its potential as an important tool. This paper explores the features of AI applications in foreign language teaching, highlighting their potential to enhance learning experiences. By examining different AI-driven platforms and their distinguishing features, we aim to understand how these applications can be effectively integrated into language education.

The use of AI applications in language teaching has become an area of increasing interest, but research in this field has generally focused on popular technologies such as ChatGPT. People eagerly explored how ChatGPT could enhance their productivity and streamline daily tasks. The impressive capabilities and versatility of ChatGPT have caught the attention of corpus software developers. ChatGPT has established new benchmarks for accessibility and popularity in the field of corpus software development (Lin, 2023). Indeed, there is a significant amount of research on the use of ChatGPT in language teaching (Barrot, 2023; Derakhshan & Ghiasvand, 2024; Gao et al., 2024; Ghafouri, 2024; Kang & Yi, 2023; Yang & Li, 2024), and these studies reveal the pedagogical potential of the application. However, the potential features and impacts of other AI applications in language teaching have not been sufficiently explored. This indicates the need for further research on more comprehensive and diversified AI solutions in language teaching. A thorough examination of new applications' pedagogical adaptability, user-friendly design, and ethical dimensions will contribute to addressing the gaps in this field. This paper examines the advantages, limitations, and future potential of existing AI-based language teaching applications, providing a roadmap for developing innovative solutions in language teaching.

METHOD

Research Design

This study utilizes a qualitative research design, centering on a detailed document analysis to identify and describe AI applications in foreign language education. The focus is to identifying and exploring specific AI applications, and their areas of use in foreign language teaching and learning. Document analysis is defined as the collection, review, inquiry, and analysis of various documents as the primary source of research data (Sak et al., 2021). As part of a study, various documents can be used for systematic evaluation. These documents may include advertisements, agendas, attendance records, meeting minutes, guides, background documents, books and brochures, diaries and journals, event programs, letters and memos, maps and charts, newspapers, articles, press releases, program proposals, application forms and abstracts, radio and television program texts, corporate or organizational reports, survey data, and various public records (Bowen, 2009). In this study, data were obtained from national and international scientific publications (articles, books, book chapters, etc.) and all types of internet sources on topics such as artificial intelligence applications, AI tools, AI and language teaching, artificial intelligence in foreign language teaching, and AI applications in education. After the analysis, 96 AI applications suitable for foreign language teaching were identified and listed under 13 categories:



Figure 1. *AI applications and areas of use in language teaching*

Data Collection

Data has been gathered from academic databases, including peer-reviewed journals, conference papers, books, and reputable online sources. Keywords such as "AI in foreign language education", "AI language learning tools", "AI applications for language instruction", and "impact of AI on language teaching" guided the search for relevant literature. To ensure the validity and reliability of the data collection process, inclusion criteria were determined (e.g., being related to educational purposes, suitability for language teaching, and applicability to foreign language education). The identified sources were cross-checked by two researchers independently, and consistency was achieved through comparison of results. In addition, expert opinion was sought to confirm the appropriateness of the criteria and the comprehensiveness of the selected literature.

Data Analysis

The collected documents were systematically analyzed through document analysis, and the findings were interpreted in order to identify AI applications that can be used in foreign language education. The analysis included:

1. Description and functionality of various AI applications in foreign language education (e.g., language learning apps, visual creation apps, spell check apps).

2. Determination and classification of areas of use of AI applications in foreign language education.

3. Examples of AI application use in foreign language education.

4. Determination of the pros and cons of AI applications in foreign language education.

By following this methodology, the study aims to thoroughly explore the usage of AI applications foreign language education, presenting a detailed analysis of their benefits, challenges, and overall impact.

Purpose of The Study

This study aims to identify AI applications that can be used in foreign language education. It further seeks to classify these applications according to their areas of use. In addition, the study explores the opportunities and limitations of AI in the context of language teaching and learning.

Research Ethics

This study is based on document analysis and does not involve any human participants, personal data, or interventions. Therefore, no ethical approval was required.

FINDINGS

AI applications and areas of use identified for foreign language teaching within the scope of the research are listed below:

1. Asking Questions – Getting Answers

The primary function of these applications in language teaching is to pose questions about the desired learning content and provide corresponding answers. Questions regarding the learning topic are asked, and the AI is expected to respond. For example, ChatGPT and DeepSeek can generate human-like responses to detailed questions. Similarly, Gemini supports both visual and audio outputs, enriching the learning process with multimedia elements. Siri and Google Assistant, available on iOS and Android devices, can provide quick and basic language support, making them convenient for casual practice. Other applications like DataBot and Alexa offer multilingual capabilities, helping students practice different languages interactively. Meanwhile, platforms like Perplexity AI and Copilot not only answer questions but also provide document analysis and source verification, enabling learners to deepen their understanding of a topic. Additionally, applications like Chatsonic and Janitor AI introduce role-playing features, creating dynamic learning scenarios where users can practice conversation skills in various contexts. These AI-powered applications can transform language learning into a more personalized, responsive, and enjoyable experience. By leveraging question-and-answer technology, students can reinforce their knowledge, clarify doubts instantly, and explore language concepts in a flexible, self-paced manner. Integrating such applications into educational settings can foster curiosity, promote active learning, and enhance long-term knowledge retention. In addition to these features, it should not be forgotten that not every answer given by artificial intelligence will be 100% correct, the information obtained must be verified.

a. ChatGPT (https://chat.openai.com/): ChatGPT is an artificial intelligence application developed by OpenAI. It has the feature of a chat application that responds to questions asked by users. ChatGPT, which can create human-like texts, can easily understand and answer detailed questions. ChatGPT can be accessed both via the browser and via its iOS and Android supported application. GPT-3.5 and GPT-4 are currently available. Every user can use GPT-3.5 without any restrictions. In addition; ChatGPT Plus users can use GPT-4o without any restrictions, while users who are not Plus subscribers can use the GPT-4o model with restrictions. ChatGPT also has the feature of uploading files.

b. DeepSeek (https://chat.deepseek.com/): DeepSeek is an artificial intelligence-based application that serves as a platform capable of answering user questions and assisting with various tasks. DeepSeek stands out with its ability to generate human-like text, easily understanding and responding to users' detailed inquiries. This application is accessible both via web browsers and through its iOS and Android-supported mobile apps. The free version of DeepSeek provides access to basic features, while premium users can benefit from advanced features and higher-performance models. Additionally, DeepSeek supports file uploads, allowing users to analyze documents and generate outputs based on them.

c. Siri (https://www.apple.com/siri/): Siri is a virtual assistant developed by Apple. Available on all Apple devices and available for free, Siri is one of the most successful personal assistants with its various language support and capabilities. With Apple's new operating system iOS 18, Siri's artificial intelligence features are expected to develop further. Siri can provide basic support in teaching foreign languages.

d. Google Assistant (https://assistant.google.com/): Google Assistant is a virtual assistant developed by Google. It is similar to Siri, developed by Apple. Google Assistant can be used on both IOS and Android devices. A Google account is required to use it. It can be used for free by downloading the application to the device and logging in to the Google account. Google Assistant can also provide basic support in teaching foreign languages and accelerate language learning.

e. Alexa (https://www.alexa.com/): Alexa is an artificial intelligence-powered virtual assistant developed by Amazon. Alexa can be downloaded for free on iOS and Android devices. The application currently supports English, German, French, Italian, Spanish, Portuguese, Japanese and Hindi. With its integration with language learning platforms, speaking practice opportunities, translation features, language learning games, and podcasts, Alexa can support language learning.

f. DataBot (https://www.databot-app.com/): DataBot is an AI-powered virtual assistant developed by RoboBot Studio. It can be downloaded for free on iOS and Android devices. DataBot can speak and understand English, Italian, Spanish, French, German, Portuguese, Chinese, Japanese, Russian, Turkish, Polish, Korean and Arabic. DataBot is a virtual assistant application that can provide support in learning foreign languages in various ways.

g. SoundHound (https://www.soundhound.com/hound/): SoundHound is a virtual assistant developed by SoundHound Inc. It can be downloaded for free on iOS and Android devices. Although SoundHound is primarily known for its music recognition and voice search features, it can also provide indirect support in learning foreign languages. The application can be used to analyze and understand songs in the target language thanks to its lyrics display and translation feature.

h. Gemini (https://gemini.google.com/app): Gemini is an artificial intelligence-powered chatbot developed by Google AI. When it was released, it was known as Bard; however, after February 8, 2020, Google changed its name to Gemini. Gemini can be accessed via the browser. In order to use the application, it is necessary to log in with a Google account. Gemini has free and paid versions. While the free version offers a certain number of operations or usage rights, the paid version allows more operations and access to additional features. The application also offers visual and audio support.

i. Copy AI (https://www.copy.ai/): Copy AI is a platform developed for content production and includes artificial intelligence technology. The platform includes a chatbot that includes GPT and Claude. Membership is free. While GPT-3.5 can be used in the free version, a certain fee must be paid to use Claude with GPT-4 and above. It has features such as document uploading, command selection, and adding sound.

j. Perplexity AI (https://www.perplexity.ai/): Perplexity AI is an artificial intelligence-powered chatbot. No membership is required for use. The application can be downloaded from the browser, iOS and Android markets and used. It has the ability to receive targeted answers and attach documents.

k. Janitor AI (https://janitorai.com/): Janitor AI is a role-playing chatbot supported by artificial intelligence. It is free to become a member. After logging in to the application, it is possible to interact with existing chatbots or a personal chatbot to be created.

l. Chatsonic (https://writesonic.com/chat): Chatsonic is an artificial intelligence chatbot developed by Writesonic. It can be used by becoming a member for free. The application also has a file upload feature. In this way, Chatsonic can be used to analyze any file on the device.

m. Copilot (https://copilot.microsoft.com): Copilot is an artificial intelligence chatbot developed by Microsoft. It can be used with a Microsoft account. The application also has visual and audio support. One of the most important features of the application is that it indicates the source of its answers. In this way, these sources can be checked to get more comprehensive information about the question asked.

2. Visual Creation

Visual creation AI applications can be used as an effective and interactive tool in language teaching. These applications help students visualize concepts, making the learning process more memorable and engaging. By generating images based on text descriptions, AI-powered applications can turn abstract concepts into tangible visuals, enhancing comprehension and boosting creativity. For example, Midjourney allows users to create detailed images simply by describing what they want to see. This feature can make learning more immersive, as students can visualize vocabulary words, scenes from texts, or cultural elements tied to the language they are studying. Applications such as DeepAI and Hotpot AI enable the creation of illustrations in various styles, supporting different learning preferences. These visuals can be incorporated into language learning materials, helping students connect words with imagery more naturally. Visual AI applications not only enhance learning but also encourage active participation. For instance, students can use Bing Image Creator or RenderNet AI to create story characters or settings, then describe them in the target language, strengthening both writing and speaking skills. It's important to note that while AI-generated images can significantly enhance language education, users should be mindful of potential copyright issues and verify image usage rights. Nevertheless, the

integration of visual AI applications into language learning can transform traditional teaching methods, making lessons more dynamic, memorable, and inspiring for learners of all ages and levels.

a. DALL-E (https://openai.com/dall-e-2): DALL-E is an artificial intelligence application developed by OpenAI that creates images from textual descriptions. DALL-E works with a 2 credit system, credits must be purchased to produce images.

b. Midjourney (https://www.midjourney.com/home): Midjourney is an artificial intelligence application that creates images from textual descriptions. To create an image, enter the command "/imagine" followed by information about the image you want to create. After a short while, the bot creates four images related to the entered command. The images can be selected to be developed. The application has ended its free trial period and has become a paid version.

c. *DeepAI (https://deepai.org):* DeepAI is also an artificial intelligence application that creates images from text, like Midjourney. Images are created by becoming a free member. While there is a limit to creating images for free, all features are accessed unlimitedly in the paid version. It contains more than 100 visual styles.

d. *Shutterstock.AI (https://www.shutterstock.com/ai-image-generator):* Shutterstock is an AI image generator that allows you to create images from text, and has also discontinued its free version and switched to a paid version.

e. *Hotpot AI (https://hotpot.ai/):* Hotpot AI is an artificial intelligence application that creates images from text. The paid version of the application, which allows you to create up to 50 images without requiring a membership, includes features such as unlimited image creation, high-level image quality, and ad-free access.

f. *Playground AI (https://playground.com/):* Playground AI is an artificial intelligence application that can create images using text input from users. The application can be subscribed to for free. The application can be downloaded from the browser, iOS and Android markets and used. The free version of the application has the ability to create images up to four frames, while the paid version has the ability to create fast and high-resolution images up to 8 frames.

g. *NightCafe (https://creator.nightcafe.studio/):* NightCafe is an artificial intelligence application that creates images based on text. You can become a member of the application for free. The application can be downloaded from the browser, iOS and Android markets and used. The free version of the application has the ability to create images up to four frames, while the paid version has the ability to create fast and high-resolution images up to 8 frames.

h. Deep Dream Generator (https://deepdreamgenerator.com/): Deep Dream Generator is an artificial intelligence application that allows you to create visuals from text. The application, which allows you to create visuals for free and without requiring a membership, also provides the date, model and size information of the created visual.

i. *GetIMG (https://getimg.ai/):* GetIMG is also an artificial intelligence application that allows creating visuals based on text. You can create visuals by becoming a free member. The free version offers support for up to 100 credits and can produce visuals in an average of 16 to 30 seconds. The paid version offers support from 3000 to 24000 credits, while the speed of creating visuals also increases.

j. *Canva Magic Design (https://www.canva.com/magic-design/):* Canva Magic Design is an artificial intelligence application that allows you to create visuals based on the command you enter. You can create visuals by becoming a member for free. The free version offers 50 credits, while the paid version offers up to 500 credits.

k. *Craiyon (https://www.craiyon.com/):* Craiyon is an artificial intelligence application that allows you to create visuals from text. The application, which allows you to create visuals for free and without requiring a membership; creates the visual in 60 seconds in the free version, while it creates it in 15 seconds in the paid version. In addition, while the brand logo is included in the free version and the resolution is low, the brand logo can be removed in the paid version and the resolution can be set higher.

l. *Civitai (https://civitai.com/):* Civitai is an artificial intelligence application that produces images based on text. You can log in to the application by registering for free. The free version of the application provides the opportunity to produce images for up to 100 credits.

m. BrandMark (https://brandmark.io/): BrandMark is an artificial intelligence application that creates a logo based on the information entered. Logos can be created without requiring membership.

n. Adobe Firefly (https://www.adobe.com/tr/products/firefly.html): Adobe Firefly is also an artificial intelligence application that produces images based on text. You can log in to the application by registering for

free. The free version of the application provides the opportunity to produce images up to 25 credits per month, while the paid version offers the opportunity to produce up to 1000 credits.

o. *Bing Image Creator (https://www.bing.com/images/create):* Bing Image Creator is an artificial intelligence application that creates images based on entered text. You can create images by registering for the application for free. The application gives 15 credits when you log in, and when these credits run out, the image creation process takes longer.

p. *RenderNet AI (https://rendernet.ai/app):* RenderNet AI is an artificial intelligence-powered image generator that allows character creation. Membership is free. The application has both paid and free versions. The free version allows you to create characters for up to 10 credits per day, while the paid version allows you to create characters for up to 50,000 credits.

3. Music Creation

Music creation AI applications can be used as a creative and interactive tool in language teaching. These applications provide students with a language learning experience through music, improving language skills while encouraging creative thinking and emotional expression. Applications can create customized music with different features based on the music genre selected by the users. For example, Soundraw and Suno allow you to create music with parameters such as music genre, tempo, length, and the instrument used. In this way, students can have a more fun and effective experience by integrating the language learning process with music. Music can also be used to develop language skills in a more natural and enjoyable way, because students can learn words, expressions, and cultural elements more easily with music. Applications such as Beatoven.ai and Loudly can make language learning materials more interactive for students while producing music with text-based commands. Such applications can enable students to learn language skills more permanently by listening, making sense of them, and associating them with music.

a. Soundraw (https://soundraw.io/): Soundraw is an artificial intelligence application that allows you to create music. The application allows you to create music without requiring a membership. Artificial intelligence creates music according to the selected music type. The application also has customizations such as the type of music to be created, mode, theme, length, tempo and the music instrument to be used.

b. Suno (https://suno.com): Suno is an artificial intelligence application that allows you to create music based on the command you enter. Music can be created by becoming a free member of the application. The application has v2, v3 and v3.5 models. With the latest model, v3, music can be created up to 4 minutes long.

c. Beatoven.ai (https://www.beatoven.ai): Beatoven.ai is an artificial intelligence application that creates music based on the text entered. You can become a member for free. The application creates music up to one minute long.

d. Loudly (https://www.loudly.com/ai-music-generator): Loudly is an artificial intelligence application that converts entered text into music. You can become a member of the application for free. The free version offers the opportunity to create music up to 30 seconds long, while the paid version allows you to create videos up to 7 minutes long.

e. Udio (https://www.udio.com): Udio is also an artificial intelligence application that converts entered text into music. You can become a member of the application for free. The free version offers the opportunity to create music for up to 10 credits per day, while the paid version offers the opportunity to create music for up to 4800 credits per month.

f. Soundful (https://soundful.com): Soundful is an artificial intelligence application that allows users to create their own music. Music can be created by becoming a member of the application for free. The application has customizations such as music type, speed, keys.

4. Voice-to-Text Conversion

Voice-to-text conversion applications can be an important tool in teaching foreign languages, as they help students analyze text while improving their listening skills. These AI apps can help students understand correct pronunciations and vocal expressions by converting audio content to text. Applications like VoicePen AI and Descript can help students review the material they have learned more easily by transcribing their speech or lecture audio content to text. Additionally, apps like Notta and Speechnotes make it easy for students to take voice notes or transcribe teacher explanations, making it easier for students to access content. Google Speech-to-Text offers multilingual support for language learners, allowing them to transcribe audio content in different languages. These apps offer an interactive way to reinforce the correct use of words and correct pronunciation errors during the language learning process.

a. VoicePen AI (https://voicepen.ai/): VoicePen AI is an artificial intelligence application that transcribes audio content. The application offers a paid service. The application has features such as transcribing videos on YouTube, transcribing audio files, and transcribing recorded audio.

b. Descript (https://www.descript.com/tools/speech-to-text): Descript is also an artificial intelligence application that transcribes audio content. You can sign up for the application for free and perform the translation process. While the free version of the application can decode up to 1 hour of audio and video, the paid version can decode up to 30 hours.

c. Notta (https://www.notta.ai/en/audio-to-text): Notta is an artificial intelligence application that converts audio files or recorded sounds into text. You can become a member of the application for free. While the free version of the application allows you to analyze up to 120 minutes of audio and video per month, the paid version allows unlimited analysis.

d. Speechnotes (https://speechnotes.co): Speechnotes is an artificial intelligence application that converts sounds into text. You can become a member of the application for free. The free version of the application offers up to 50 credits.

e. Google Speech-to-Text (https://cloud.google.com/speech-to-text): Google Speech-to-Text is an artificial intelligence application that converts an uploaded audio file or recorded voice into text. The application works with a Google account. The application, which offers free use, has many language support.

f. Transkriptor (https://app.transkriptor.com): Transkriptor is an artificial intelligence application that converts audio files to text. You can convert audio to text by signing up for the application for free. The free version of the application offers a conversion opportunity of up to 90 minutes.

5. Audio Recording

Audio recording applications can play an important role in teaching foreign languages to improve students' speaking skills. AI-powered applications such as Podcastle, Speakai, and SpeechText.AI provide an interactive environment for students to listen to their pronunciation and receive feedback by recording audio content, converting it to text, and editing it. These applications allow teachers or students to record conversations in classes and then analyze the recordings. Students can improve their own language skills by listening to the audio they recorded and correcting their mistakes by comparing it with the written content. Such applications are an effective tool for reinforcing the correct understanding and use of audio expressions.

a. Podcastle (https://podcastle.ai/): Podcastle is an AI application that offers professional-quality audio recording. The application offers an AI-powered toolkit for recording, editing and enhancing audio. You can become a member of the application for free. The application supports MP3, WAV, AIFF, FLAC, AAC, WMA and AC3 formats. The free version offers 64, 128 and 160 kbps support for audio quality, while the paid version offers 320 kbps support. The application also has video editing and file uploading features.

b. Speakai (https://speakai.co/tools/free-online-voice-recorder/): Speakai is an artificial intelligence-powered application that allows you to record audio online. The recorded audio can be downloaded and converted to text. The application has features such as document uploading, text adding, live recording and CSV uploading.

c. SpeechText.AI (https://speechtext.ai/online-voice-recorder): SpeechText.AI is an artificial intelligence-powered application that allows you to record speech and convert it to text. The application also provides the ability to edit text, find keywords and phrases. The application also supports various file formats such as MP4, MP3, WAV, FLAC.

6. Spell Check

Spell check applications can help students improve their written language skills. AI-powered applications like Grammarly, Wordtune, ProWritingAid, and HIX.AI offer functions to improve grammar, spelling, and flow in written texts. These apps teach correct language use by detecting grammatical errors and help texts be expressed more effectively. Students can check their written work with these applications to correct grammatical errors and make their texts more fluent and meaningful. Applications like ProWritingAid can also be useful for improving written skills, especially in higher education, by offering features specific to academic writing needs.

a. Grammarly (https://www.grammarly.com/): Grammarly, as its name suggests, is an artificial intelligence application that allows you to correct grammatical errors in an uploaded document or entered text. You can become a member of the application for free. The application has features such as target audience, text format, and field within the scope of evaluation purposes. In the free version, only general can be selected as a field, while in the

paid version, academic, business, e-mail, daily and creative fields can be selected. The application; It evaluates the number of words and sentences, readability and vocabulary and gives the text a score out of 100.

b. Wordtune (https://www.wordtune.com/): Wordtune is an artificial intelligence application that corrects grammatical errors in text. You can become a member of the application for free. The application has features such as improving the fluency of the text, increasing its comprehensibility, and strengthening its impact. The free version of the application includes basic features to improve the fluency and comprehensibility of the text. The paid version includes strengthening the text effect, expanding the vocabulary, and translating the text into different languages.

c. ProWritingAid (https://prowritingaid.com/): ProWritingAid is an artificial intelligence application that allows you to correct grammatical errors in text and strengthen the text. Membership to the application is free. By uploading a file or entering text, the artificial intelligence is provided to evaluate. The application includes general, academic, business, technical, creative, daily writing and correction goals. While the free version of the application has a 500 word limit and 10 correction rights, these features can be accessed unlimitedly in the paid versions.

d. HIX.AI (https://writer.hix.ai/spell-checker): HIX.AI is an artificial intelligence application that checks the spelling of an entered text. It is not necessary to be a member or log in to use the application. The application has features such as word check, academic writing, e-mail writing, and text summarization.

7. Presentation Preparing

Applications such as Gamma and Slidesgo make it easy to prepare effective visual presentations on lesson presentations and grammar topics in language teaching. They provide more interactive and meaningful learning experiences for students by combining text, images and audio files. Applications such as Canva and Visme can help students prepare materials such as posters, infographics or interactive cards that reinforce language skills. In addition, applications such as Prezi allow topics to be presented dynamically in language lessons, which can increase students' interest in learning. Presentations in language teaching are important not only for grammar and vocabulary, but also for student motivation and participation in the learning process. AI-powered presentation applications allow teachers to create more effective, creative and modern content in language learning, while allowing students to reinforce their language skills with advanced visuals and interactive elements.

a. Gamma (https://gamma.app): Gamma is an AI-powered presentation creation application. You can become a member of the application for free. Presentations can be created using pre-prepared templates, from a blank page, or by AI. While there is a limit to the number of presentations created with AI in the free version of the application, there is no limit in the paid version.

b. Slidesgo (https://slidesgo.com/): Slidesgo is an artificial intelligence application that allows you to create professional-level presentations. You can become a member of the application for free. While the free version has some templates and a limited number of presentations with artificial intelligence, there is no limit in the paid version.

c. Prezi (https://prezi.com/): Prezi is a cloud-based, AI-powered presentation application. You can sign up for the application for free. While some visuals, templates, and customizations are limited in the free version, all features are accessible in the paid version. The application also has video, infographic creation, and editing features.

d. Canva (https://www.canva.com/): Canva is an AI-powered design application. Logos, posters, brochures, business cards and presentations can be created with Canva. You can become a member of the application for free. While there are restrictions on photos, videos, components and some features in the free version of the application, there are no restrictions in the paid version. Presentations created within the scope of the application can be downloaded to the device or shared online.

e. Decktopus (https://www.decktopus.com/): Decktopus is also an AI-powered presentation application. You can become a member of the application for free. While AI-powered presentation creation is not available in the free version of the application, this feature can be used in the paid version. Presentations in the application can be created from a blank page or from ready-made templates.

f. Visme (https://www.visme.co/ai-presentation-maker/): Visme is an artificial intelligence application that allows you to create presentations. You can become a member of the application for free. While the free version of the application allows you to create presentations for up to 10 AI credits, the paid version allows you to create presentations for up to 500 AI credits per month.

g. MagicSlides (https://www.magicslides.app): MagicSlides is an application that allows you to create presentations supported by artificial intelligence. You can become a member of the application for free. In the free

version of the application, only English can be selected as the presentation creation language and 3 presentations can be created per month, while in the paid version, different languages can be selected and there are plans to create 600 to unlimited presentations per year.

h. SlidesAI (https://www.slidesai.io/): SlidesAI is a Google Workspace add-on that allows you to create presentations. This add-on can be installed on your device and you can create free presentations with AI support in a short time. The free version of the application has limitations such as 36 presentations and 120 AI credits per year, while the paid version offers unlimited presentation rights and up to 1200 AI credits.

8. Video Creation

In the context of foreign language teaching, video creation applications are powerful tools that teachers can use to make their lessons more engaging and help students improve their language skills. These applications allow teachers to create effective video content by combining text, visuals, and audio elements. AI-powered video creation applications, such as Pictory, Synthesia, and HeyGen, are particularly useful in language teaching to increase students' comprehension and develop different language skills. For example, a language teacher can create videos from lesson content using Pictory and present these videos to students to develop listening and comprehension skills. Adding subtitles to these videos can also help students reinforce their reading skills. These applications provide students with realistic dialogues, reading aloud, and speaking practices to practice. In addition, applications such as DeepBrain AI and Luma Dream Machine can help language learners develop their grammar and vocabulary more effectively by using visual and auditory stimuli. These video creation applications allow language teachers to customize course materials, encourage student interaction, and diversify teaching methods. Course content supported by visuals and animations increases student interest in lessons and makes the language learning process more dynamic and interactive.

a. Pictory (https://pictory.ai/): Pictory is an application that allows you to create videos with artificial intelligence support. The application is free to sign up. After signing up to the application, a 15-day trial period begins. At the end of this period, you must upgrade to the paid version to use the application. Up to 15 minutes of video production can be done during this trial period. The application has features such as creating videos from text, creating videos from links, editing videos with artificial intelligence, and creating videos from images. Layers can be edited in the created videos, subtitles can be added and deleted, video scenes can be cut, and background music can be added and turned off.

b. Sora (https://openai.com/sora): Sora is an AI application developed by OpenAI that creates video from text. It is available to ChatGPT Plus and ChatGPT Pro users. This application supports video resolutions up to 1080p, with video lengths up to 20 seconds. Sora has the ability to bring human-like characters to life, simulate realistic environments, and create complex action scenes, enabling smooth and convincing movements in videos.

c. Pika (https://pika.art/home): Pika is an artificial intelligence application that creates videos based on entered text. You can become a member of the application for free. The free version of the application offers the opportunity to create videos of up to 3 seconds and 250 credits per month, while the paid version allows you to create videos of up to 7 seconds and without any limit. The application also has the feature of creating videos from images or videos.

d. Synthesia (https://www.synthesia.io/): Synthesia is also an artificial intelligence application that allows you to create videos from text. You can become a member of the application for free. The free version of the application supports up to 6 speakers and allows you to create videos up to 36 minutes per year. After entering the subject of the video, information about what it is and who it is addressed to, the artificial intelligence creates the video. The application has features such as language, speaking style, speaker characteristics and purpose.

e. HeyGen (https://www.heygen.com/): HeyGen is an application that allows you to create videos with artificial intelligence support. While the free version of the application allows you to create 3 videos per month, unlimited videos can be created in the paid version. The application has options to create videos in vertical and horizontal formats. An avatar must be selected to create a video. Then, text is entered and the avatar is made to voice this text. There are also features such as adding subtitles and images to the created video. The highest 720p resolution is supported as a recording mode in the free version.

f. Luma Dream Machine (https://lumalabs.ai/dream-machine): Luma Dream Machine is an artificial intelligence application that creates a video from entered text or uploaded images. The application is free to sign up. Better results can be obtained by expanding the entered prompt.

g. Animated Drawings (https://sketch.metademolab.com): Animated Drawings is an artificial intelligence application that transforms uploaded images into animation. You can become a member of the application for free. After adding an image and making the necessary adjustments, the character in the image is transformed into an animation.

h. DeepBrain AI (https://www.deepbrain.io): DeepBrain AI is an artificial intelligence application that can create videos from entered text, given links or uploaded files. You can register for the application for free. In the free version of the application, it is up to one minute.

9. Voice Generator

Voice generator apps can play an important role in foreign language teaching. These applications allow teachers to generate voice content for students and can help language learners improve their listening, comprehension, and pronunciation skills. Apps such as Murf, Resemble AI, ElevenLabs, and Narakeet in particular offer the ability to vocalize text in a natural voice, which is a great advantage in language teaching. For example, applications such as Murf and PlayHT allow teachers to create audio content in different languages. These applications are very useful for teachers who want to present course content as audio narration. Students can learn correct pronunciations by listening to texts and reinforce their understanding by listening to audio content. applications such as Resemble AI and Genny allow for more personalized voices. Teachers can prepare more interactive and engaging course materials by presenting audio content in the appropriate tone and accent for students. Especially in language teaching, easy access to audio content allows students to expand their vocabulary and learn correct pronunciation. ElevenLabs and Narakeet stand out with their voice change features and multilingual support. Teachers can create content that will help students understand different accents and languages. These apps can also be used to create audiobooks or interactive lessons.

a. Murf (https://murf.ai/): Murf is an artificial intelligence application that allows the entered text or recorded voice to be voiced by a desired character. While the free version of the application allows production for up to 2 projects and 10 minutes, the free version allows production for up to 50 projects and 96 hours. The application supports many languages.

b. Resemble AI (https://www.resemble.ai): Resemble AI is an artificial intelligence application that allows voice generation. The application also has a deepfake detection feature. You can become a member of the application for free. The application allows voice generation of up to 3000 words. The application can generate voice according to the selected situation. The application can also generate voice according to the selected tone of voice, accent, gender and age. The application also has the feature of detecting the language of the entered text and converting it to voice.

c. ElevenLabs (https://elevenlabs.io): ElevenLabs is also an artificial intelligence application that allows the entered text or recorded voice to be voiced by the selected voice talent. The application also has a voice changing feature. You can become a member of the application for free. The application can produce voices up to 10,000 words. The application supports many languages.

d. Genny (https://genny.lovo.ai): Genny is also an artificial intelligence application that allows the selected voice-over to be voiced by the selected voice talent for the written or uploaded text. You can become a member of the application for free. The application has customizations such as voice speed, gender, age, and speaking style. The application supports many languages.

e. Narakeet (https://www.narakeet.com/create/ai-voice-generator.html): Narakeet is also an artificial intelligence application that voices a written or uploaded text. The application has more than 100 languages and more than 700 artificial intelligence voices. The application can be used without becoming a member. The application has features such as voice format, speed, and format.

f. PlayHT (https://play.ht): PlayHT is an artificial intelligence application that converts written text into audio. You can become a member of the application for free. The free version of the application can convert up to 12,500 words into audio, while the paid version can create audio without any word limit.

10. Language Practice

Language practice applications have an important place in foreign language teaching. Such AI-powered applications accelerate the language learning process by providing students with personalized feedback while improving their language skills. Applications such as Preply, TalkPal AI, Busuu, Duolingo, and Babbel in particular can help language learners pronounce correctly, increase their comprehension skills, and become more effective in communication. Applications such as Preply in particular offer the opportunity to practice language

with professional instructors. This allows students to improve their language skills by practicing speaking. TalkPal AI, on the other hand, enables language practice with artificial intelligence support and helps users learn faster by providing instant feedback. Platforms such as Busuu and Duolingo provide students with the opportunity to practice not only with text and speech, but also with social interaction during the language learning process. Applications such as Babbel and Khanmigo allow language learners to develop their language skills in a targeted way by offering personalized lesson plans. Applications such as Praktika and ELSA Speak, on the other hand, help students who want to improve their pronunciation and speaking skills in particular. Langotalk and Gliglish are platforms that enable faster and more effective language learning with artificial intelligence, offering language learners the opportunity to practice using everyday conversations. Such applications help students improve their language skills quickly and gain confidence. Language practice apps offer an effective and interactive way for students to develop various language skills. With the support of artificial intelligence, this process becomes more personalized and efficient.

a. Preply (https://preply.com/): Preply is an AI-powered app that allows you to practice your language and take online language lessons. The app supports many languages and subjects. The app has teachers in the languages it supports, and the fee varies according to the fees set by the teachers. The minimum amount starts at 100 TL. The app also has customizations such as the teacher's country of birth, available hours, areas of expertise, and languages spoken.

b. TalkPal AI (https://talkpal.ai/): TalkPal AI is an application that allows you to learn a language with artificial intelligence. According to the application, you can learn a language "5 times" faster with artificial intelligence. The application supports more than 52 languages. You can become a member of the application for free. While some features can be used in a limited way in the free version, all features can be accessed unlimitedly in the paid version. The free version of the application offers the opportunity to practice a language for up to 10 minutes per day. The application, which allows you to communicate with artificial intelligence both by speaking and writing, also has an instant feedback feature.

c. Busuu (https://www.busuu.com/): Busuu is also an application that allows you to practice languages by communicating with both artificial intelligence and real language learners. The application supports 14 languages. The application supports both speaking and writing. While the features are limited in the free version of the application, there are no restrictions in the paid version. One of the nice features of the application is that the language you want to learn is learned with the feedback of native speakers of that language.

d. Duolingo (https://www.duolingo.com): Duolingo is also an AI-powered language learning app. While the free version of the app, which supports 41 different languages, has 5 lives per day, the paid version allows you to learn a language with unlimited lives. Designed as a game, the app offers access to new features and customizations as you level up. A certificate is given if you pass the test at the end of the app.

e. Babbel (https://uk.babbel.com): Babbel is also an AI-powered language learning software and e-learning platform. You can sign up for the application for free. The free version of the application only offers access to certain courses at A1 level, while the paid version has no restrictions. The application has AI-powered speech recognition and feedback features.

f. Khanmigo (https://www.khanmigo.ai): Khanmigo is also an AI-powered chatbot that allows language practice. The application can be subscribed to for free. Teachers can create codes in the application and ensure that students are included in the application. The application acts as an assistant for teachers and an instructor for students. While features such as creating a lesson plan, summarizing, and setting learning goals can be accessed in the free version of the application, high-level features such as personalized lessons, guided feedback, and coaching can be accessed in the paid version.

g. Ello (https://www.ello.com): Ello is an AI-powered app that aims to improve reading and learning for young children (kindergarten through 3rd grade). The app offers a 7-day trial period. After this period, a fee must be paid to continue using the app. The app, which supports adaptive learning with the power of AI, has the ability to analyze children's speech and correct speech errors.

h. Praktika (https://praktika.ai): Praktika is an artificial intelligence-powered language application designed to improve English speaking skills. The application is free to sign up. While there is a daily limit in the free version of the application, there is no limit in the paid version. The application aims to improve language skills with artificial intelligence-powered avatars. Praktika, which allows speaking practice on almost any topic, can be accessed with a mobile application. The application is available in both Android and iOS markets.

i. Langotalk (https://www.langotalk.org): Langotalk is also an application that allows language learning with artificial intelligence. According to the application, a language can be learned 6 times faster with artificial intelligence. The application supports language learning 24/7 with personalized artificial intelligence chat-based tools. The application supports more than 20 languages and has more than 200 artificial intelligence instructors in each language. You can become a member of the application for free. While there is a message and content limit in the free version, there is no limit in the paid version. The application has features such as practicing speaking on the selected topic, providing instant feedback from artificial intelligence, creating lesson plans for deficiencies, and making artificial intelligence-supported voice calls.

j. Gliglish (https://gliglish.com): Gliglish is also an AI-powered language learning and practice application like Langotalk. The application supports 39 languages. The application has ChatGPT-powered language learning support with smart AI.

k. ELSA Speak (https://elsaspeak.com/en/): ELSA Speak, like Praktika, is an artificial intelligence-supported application aimed at improving English speaking skills. The application, which allows for the detection of pronunciation errors and feedback, can be accessed from the iOS and Android markets.

11. Academic Learning

AI-powered academic learning applications help students improve their language skills by providing them with personalized learning experiences in foreign language teaching. For example, Course Hero can summarize and explain text to resolve ambiguities in language, while ChatPDF provides language learners with vocabulary and meaning practice via PDF files. Gradescope provides feedback on written exams and practices, while Brainly reinforces grammar by answering questions with real people. EduGPT offers speaking practice with AI instructors, and Almanack personalizes language learning processes with question-and-answer method. Eduaide.Ai offers customized learning plans that allow students to develop their language skills according to their needs.

a. Course Hero (https://www.coursehero.com): Course Hero is an online learning platform supported by artificial intelligence. The platform, which allows learning from an uploaded file, has artificial intelligence-supported answering, commenting and suggestion features. You can become a member of the platform for free. The platform allows for customizations such as asking questions, requesting solutions, summarizing and requesting explanations from the uploaded file.

b. ChatPDF (https://www.chatpdf.com/): ChatPDF, as its name suggests, is an artificial intelligence-supported learning application that facilitates learning from uploaded PDF files. You can work on PDFs by becoming a free member of the application.

c. Gradescope (https://www.gradescope.com): Gradescope is an online education application that provides AI-powered grading tools for higher education. You can register to the application as an instructor or a student. An “edu” email address is required to register as an instructor. A course login code is required to register as a student.

d. Brainly (https://brainly.com): Brainly is also an AI-powered learning platform. You can sign up for the app for free. While there is a daily limit and ads in the free version of the app, there are no limits or ads in the paid version. The app also has the ability to answer questions asked by other people. In this way, it is possible to learn with answers from real people as well as artificial intelligence.

e. EduGPT (https://edugpt.com): EduGPT is an application that allows learning with artificial intelligence instructors. You can become a member of the application for free. When you log in to the application, 20,000 credits are assigned to your account. On the home page, you can communicate with one of the selected instructors and topics and learn. At the end of the lesson, the transcript can be downloaded with .txt, .pdf and .docx extensions.

f. Almanack (https://www.almanack.ai): Almanack is also an artificial intelligence-supported learning application. You can become a member of the application for free. After becoming a member of the application, a lesson plan is created based on the answers given to the questions. A worksheet page is created in the context of the created lesson plan and then the lesson is started. The lesson plans produced by the application can be applied in the classroom environment. The application has customizations such as creating slides, suggesting YouTube videos, and creating quizzes and tests for the created lesson plans.

g. Eduaide.Ai (https://www.eduaide.ai): Eduaide.Ai is also an artificial intelligence-supported application that enables learning. You can become a member of the application for free. Learning can be carried out based on plans created according to the selected topics.

12. Course Creation

AI-powered applications make it easy to create effective courses for teaching foreign languages. Coursebox can quickly create language teaching courses with inputted information or uploaded files. Mindsmith, similarly, offers the option to share and download created lessons as files when creating content and courses. LearnWorlds, on the other hand, offers advanced features for creating online courses. These platforms offer useful tools for customizing foreign language teaching and creating interactive courses for students.

a. Coursebox (https://www.coursebox.ai): Coursebox is an artificial intelligence application that creates courses based on entered information or uploaded files. The application is free to sign up. While there is a limitation on course content in the free version of the application, there is no limitation in the paid version. The application prepares the content and questions in 5 to 10 minutes.

b. Mindsmith (https://www.mindsmith.ai): Mindsmith is an artificial intelligence application that creates courses based on entered information or uploaded files. Membership to the application is free. While the sharing possibilities and artificial intelligence features are limited in the free version of the application, there is no limit in the paid version. The application allows sharing the course content as a link, embedding it on the site and downloading it as a file.

c. LearnWorlds (https://www.learnworlds.com): LearnWorlds is an artificial intelligence-powered platform that allows you to create online courses. The application is free to join. After you join the application, a 30-day trial period begins. After these 30 days, a fee is required to use the application. The application can also create a website.

13. Gamification

Gamification can make language learning fun and increase student engagement. AI Dungeon can support language learning with text-based games, allowing students to develop language skills by creating scenarios and playing interactive games. Games such as Human or not? and Human or AI? offer a fun competitive environment while teaching the differences between artificial intelligence and humans. Ready Player Me allows students to create avatars and encourages them to describe their character's characteristics using linguistic expressions. Are You Smarter Than ChatGPT? allows students to have fun while learning correct language usage. Such games can be used to increase both interaction and learning in language teaching.

a. AI Dungeon (https://aidungeon.com): AI Dungeon is a text-based game creation application supported by artificial intelligence. Games can be created and played in the application without requiring membership. Within the scope of the application, games can be played in multiple universes created.

b. Human or not? (https://humanornot.so): It is a game application based on knowing whether the person you are chatting with is a human or an artificial intelligence after a two-minute conversation.

c. Ready Player Me (https://readyplayer.me/): Ready Player Me is an artificial intelligence-supported character creation application. The application can be used without becoming a member. Within the scope of the application, the character to be created can be customized such as clothing, hair, makeup, posture, and accessories. The created character can be downloaded as a GLB file.

d. Human or AI? (https://humanorai.io): It is a game application where you have to determine whether the five images shown are of real people or generated by artificial intelligence.

e. Are You Smarter Than ChatGPT? (https://smarterthangpt.com): It is a game application where one of the two options given to complete the continuation of the wise sayings is the real answer and the other is the wrong answer created by ChatGPT. If the correct answer is given, the game continues, and if ChatGPT's answer is chosen, the game ends.

DISCUSSION & CONCLUSION

In this study, 96 AI applications for foreign language teaching were identified and these applications were tried to be explained together with their areas of use. The use of these applications in foreign language teaching will increase the effectiveness of language teaching and save time and energy. Today's students are composed of Z and Alpha generations who were born into technology and grew up with technology. In order to appeal to students in these generations, it is important to use the technologies they are familiar with. These technologies consist of digital content applications that cover multi-stimulus environments. In this context, it is thought that the AI applications presented in this study are of great importance. These applications will also allow the teacher to carry out their lessons efficiently and effectively since they save time and energy. In this context, it is envisaged that the teacher will conduct more efficient lessons with less effort. İşler and Kılıç (2021) state that the

contributions of AI to education are very important and that the earlier students are introduced to AI, the higher the quality of education will be.

Xiu-Yi (2024) revealed in his research that AI interventions are particularly effective in improving listening and speaking skills, and also make significant contributions to writing and vocabulary learning. He also stated that social-emotional factors such as motivation, anxiety reduction and willingness to communicate are positively affected by AI; however, participation and satisfaction may vary. The study draws attention to the importance of AI applications being personalized and adaptable, and emphasizes that learning outcomes can be optimized by using automatic and human-based feedback together. Similarly, Kaleli and Özdemir (2025) underline that AI-supported applications in teaching Turkish as a foreign language provide new opportunities for personalized and learner-centered practices, while Şimşek (2025) highlights the role of AI in shaping language learning processes through adaptive and flexible approaches. Shu and Xu (2022) stated that traditional English education cannot meet the needs of modern times, and found that AI can increase the teaching effect of English lessons and students' autonomous learning awareness. It is stated that AI can be used to improve students' stability, mobility and improve the purpose and comprehensiveness of cognitive learning, and it is suggested that integrating AI into English teaching can improve and analyze data more effectively to facilitate students' learning.

By actively exploring and applying AI technologies, foreign language teaching can be advanced and students' learning success can be increased (Liu, 2023). AI provides tailored feedback, real-time practice, and interactive environments that meet individual learner needs. It also allows educators to identify and address learning gaps more efficiently, enabling learners to progress at their own pace. Huang et al. (2023) noted that applications such as automated writing evaluation, intelligent tutoring systems, error detection tools, and personalized learning platforms significantly support vocabulary, grammar, speaking, and listening. Likewise, Demirekin (2023) and Şen (2023) point out that AI technologies transform language classrooms by offering multimodal and interactive learning opportunities. These developments underline the diverse potential of AI in enhancing language education.

As we integrate AI into language education, it is critical to consider ethical implications, data privacy, and the ongoing training of teachers to effectively utilize these technologies. The combination of AI and language education promises to create more engaging, effective, and inclusive learning experiences for students worldwide. This technological advancement can transform foreign language teaching, making it more dynamic and accessible, ultimately enhancing the overall quality of language education. The use of AI applications in foreign language teaching has the potential to improve the teaching and learning experience. New language learning models can be developed to increase students' motivation and speaking skills by integrating AI technologies into language teaching. AI can play an important role in creating personalized approaches, increasing student motivation and interest, and solving problems related to interaction with native speakers (Yunina, 2023). In this context; It can be mentioned that effective use of AI-supported applications in foreign language teaching within the framework of ethical principles will bring many advantages in teaching the target language.

Empirical evidence also confirms the pedagogical value of AI applications. Zileli (2023) found that ChatGPT facilitates the Turkish language learning process by providing versatile feedback and enhancing assimilation. Similarly, Şenyaman (2023) showed that ChatGPT provides personalized support and motivation in learning Arabic as a foreign language, independent of time and place. Ji et al. (2024) concluded that AI-powered speaking tools foster collaboration among students, teachers, and AI, while Lee and Lee (2024) found that individualized, AI-guided language learning enhances learner outcomes more effectively than traditional methods. Dai and Liu (2024) reported that AI integration creates opportunities for individualized learning, immediate feedback, and interactive learning environments. Supporting this, Çangal et al. (2025) found that instructors view AI as an effective aid in teaching Turkish to foreigners, while Kardoğan and Kardaş (2025) reported that teachers acknowledge both the opportunities and challenges of AI in language classrooms. The literature also points to AI's contribution to learner autonomy and skill development. Jin et al. (2023) showed that AI positively affects the metacognitive, cognitive, and behavioral dimensions of self-regulated learning. Yılmaz and Kardaş (2024), in their meta-synthesis, confirmed that AI tools enhance key areas of language teaching including vocabulary, grammar, speaking, and listening. International studies (Woo & Choi, 2021; Belda-Medina & Calvo-Ferrer, 2022; Creely, 2024) also demonstrate the effectiveness of AI chatbots and generative tools in fostering interaction, personalization, and motivation in language classrooms. Furthermore, Katı and Can (2024) demonstrated the usability of AI-generated texts for reading instruction in Turkish as a foreign language, while Gençer and Bahşi (2025) reported the positive impact of AI tools on vocabulary teaching.

In conclusion, the integration of AI applications into foreign language education has transformative potential. The 96 applications identified in this study, grouped under 13 categories, reveal a wide range of pedagogical affordances—from real-time feedback to interactive speaking practice and adaptive learning. When implemented within ethical frameworks and supported by teacher training, these applications can make foreign language teaching more effective, personalized, and engaging. Future research should focus on classroom-based implementations, learner differences, and long-term outcomes, while also examining the cultural dimension of language teaching. In this context, the effective and efficient use of AI applications at all levels of education will serve as an important instrument in achieving educational goals. To conclude, AI-supported practices should not be seen as substitutes for teachers but as complementary tools that enrich the learning environment and support both students and educators in achieving higher levels of success in language education.

Limitations

This study provides a general overview of the role of AI in foreign language education by focusing on various AI applications. While the study emphasizes a comprehensive examination of the literature, related documents, technological developments, and AI applications, it does not include experimental data derived from classroom practices, which may limit insights into student or teacher perspectives. Nevertheless, by mapping the current landscape of AI applications in language education, this study offers a solid foundation for future research.

Recommendations

After the results obtained within the scope of the research and the discussion of the results, the following suggestions were made:

● Since the identified AI applications are capable of support language skills, teachers are advised to integrate them selectively according to the targeted language skill.

● AI Applications that provide individualized feedback and adaptive learning paths should be prioritized to address learner diversity. These applications can help differentiate instruction in mixed-ability classes and support learners' autonomy.

● AI applications with automated evaluation and feedback functions should be incorporated into formative assessment practices. This can provide learners with immediate feedback on grammar, vocabulary, and writing tasks, complementing teacher evaluation.

● Some identified AI applications allow for the design of multimodal and interactive content. These applications should be used not only for linguistic development but also for presenting cultural aspects of the target language, supporting intercultural competence.

● Considering the Z and Alpha generations' preference for technology-rich environments, gamification-oriented AI applications and visual/audio-based applications should be integrated into lesson design to increase motivation and engagement.

● Given the wide variety of AI applications identified, it is recommended that teachers share best practices about how they use these applications in foreign language classrooms. Collaborative platforms can help build a body of practical knowledge directly tied to the tools categorized in this study.

● AI has features that can be used in every field of education. In this study, its use in foreign language teaching is discussed in particular, and 96 AI applications identified within the scope of the document analysis are explained together with their areas of use. In order to look at the use of AI in foreign language teaching from different perspectives, conducting studies designed with different research methods will allow the effects of these applications on language teaching to be seen comprehensively.

Statements of Publication Ethics

This study was conducted in accordance with the principles of academic integrity and publication ethics. All sources and materials used in the document analysis were properly cited to ensure transparency and prevent plagiarism. We affirm that the manuscript is original, has not been published elsewhere, and is not under consideration by any other journal. All efforts were made to avoid academic misconduct such as fabrication, falsification, or misrepresentation of data. All authors take full responsibility for the content and confirm adherence to ethical publishing standards.

Researchers' Contribution Rate

Authors	Literature review	Method	Data Collection	Data Analysis	Results	Conclusion
Author 1	☒	☒	☒	☒	☒	☒
Author 2	☒	☐	☐	☒	☒	☒

Conflict of Interest

The authors declare that there is no conflict of interest.

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