



Enhancing Arabic Listening and Vocabulary Acquisition through AI-Powered Music: A Study on Suno AI

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Abstract

This study explores the impact of AI-generated music, specifically through the Suno AI platform, on enhancing Arabic listening skills (maharah istima') and vocabulary acquisition at Darullughab Wadda'wah Boarding School (Pesantren). A qualitative approach was employed over a 3-week period, involving 120 students aged 16 to 18. The findings reveal that AI-powered music significantly improved student motivation, engagement, and learning outcomes. Students demonstrated better vocabulary retention and listening comprehension, facilitated by the contextual use of lyrics in AI-generated songs. However, the short duration of the study posed challenges for mastering all introduced vocabulary. This research suggests that integrating AI-generated music into Arabic language education offers a promising, engaging alternative to traditional methods, particularly in enhancing receptive language skills. Future studies could extend the duration and explore the impact on other language skills such as speaking and writing.

Keywords: *AI-generated music, Arabic language learning, listening skills, vocabulary acquisition*

Introduction

Learning Arabic, a language rich in cultural and religious significance, is central to education in many institutions, including Islamic boarding schools. In the digital era, AI-powered technologies are transforming language acquisition, offering personalized and adaptive learning experiences. This paper examines the potential of AI-driven music platforms, particularly Suno AI, in improving Arabic listening skills and vocabulary (Mustakim, 2021). AI-based tools enhance language proficiency by creating immersive and interactive learning environments (Aihua, 2021). Their integration into education highlights the transformative impact of AI on modern teaching practices.

When processing speech, bilingual individuals must handle two languages and manage additional information from two linguistic systems (Bsharat-Maalouf & Karawani, 2022). The use of Suno AI can help address this challenge by providing audio content focused on a single target language, such as songs. With Suno AI, bilingual

students can more effectively distinguish vocabulary and speech patterns in Arabic, allowing their listening skills to develop more rapidly without interference from the other language they know (M. Liu, 2023; Nanduri & Bonsignore, 2023; Shao et al., 2022).

By incorporating contemporary AI-based music training elements, platforms like Suno AI introduce a more accessible and engaging approach to language learning. Suno AI, recognized as a pioneering platform in AI-driven music instruction, has garnered increasing academic and pedagogical interest. Through its use of advanced algorithms and machine learning, Suno AI analyzes and processes auditory inputs, enabling targeted, customized language instruction tailored to the individual learner's needs (Li & Sun, 2023; Ma, 2021).

Arabic holds significant historical importance in the Islamic world and remains essential in religious studies. As students advance through their education, the complexity and depth of Arabic studies increase, reflecting the language's intricate nature (Briliandy & Inayati, n.d.), yet it possesses extraordinary beauty. In the modern era, transitioning from Industry 4.0 to 5.0, where the rapid development of artificial intelligence and other AI-based technologies, such as ChatGPT (Salam et al., 2023), is reshaping various industries, language learning can be effectively implemented using AI-based approaches. These advancements, like ChatGPT, allow for more personalized, adaptive, and efficient learning experiences, making language acquisition more accessible and engaging. This exploration of Suno AI's capabilities demonstrates its potential to enhance listening skills and vocabulary acquisition in Arabic learners significantly, making AI an innovative and human-centered tool in language education.

According to recent perspectives, the brain continuously predicts upcoming sounds based on patterns it detects from the environment (Brattico & Delussi, 2024). This predictive process helps improve our understanding and memory of sounds. These mechanisms are typically studied using simple sounds in clear contexts. Suno AI leverages this principle by providing structured music and audio content, helping students anticipate sound patterns and enhancing their listening and memory skills. Through Suno AI, students can better grasp Arabic language patterns, thus improving their listening skills as well as their ability to process and retain vocabulary, and for humans, one of the most widespread and universal activities involving sound, and a frequent source of daily enjoyment, is listening to music (Brattico & Delussi, 2024). It has become evident that in recent years, interest from both musicians and computer scientists in AI-based automatic music generation has grown rapidly (Civit et al., 2022).

However, in traditional educational environments such as pesantren, listening skills often receive less attention. Arabic language teaching in pesantren tends to focus more on reading skills (*qira'ah*) and understanding classical texts rather than on listening to spoken Arabic. This is largely due to the lack of authentic audio materials and conversational contexts relevant to the students' daily lives. Yet, in today's globalized world, listening skills in Arabic are becoming increasingly important, especially in the context of cross-cultural communication and modern-day language comprehension (Alzamil, 2021).

Suno AI adds value by providing diverse audio content, allowing students to learn to recognize more subtle emotional nuances and deepen their understanding of

vocal expressions of emotion. This is particularly important because listeners tend to rely on general impressions of emotion rather than understanding finer distinctions, and when emotions are unclear, they struggle to make definitive choices (Meftah et al., 2024). This suggests that emotions are often viewed too simplistically, and in some experiments, sadness appears more frequently because sentences unintentionally carry sad themes, making it difficult to express other emotions, such as happiness. In addition to listening, vocabulary acquisition is another significant challenge in learning Arabic. The Arabic language has a complex morphological system, where root words are used to form a variety of derivatives. Arabic vocabulary is also highly diverse and often carries different meanings depending on the context in which it is used. Therefore, in order to master Arabic vocabulary, students must not only understand the lexical meaning of words but also how they are used in sentences and specific situations (Alsayat & Elmitwally, 2020; Wargadinata et al., 2020).

Researches show that music is an effective tool for second language acquisition, especially in improving listening skills and vocabulary (Fonseca-Mora et al., 2021; Wei et al., 2022). Music enhances memory, making it easier for students to retain new words and phrases while creating an engaging and enjoyable learning environment (Fernández-García & Fonseca-Mora, 2022). Artificial intelligence has introduced new technologies that, despite potential challenges, offer valuable educational benefits (F. Liu et al., 2024). Music and language learning share similarities, and songs can serve as mnemonic devices, helping students remember vocabulary through melodies and rhythms (Zhang & Zou, 2022). Music can significantly improve listening comprehension and test performance in language learning when effectively utilized (Goltz & Sadakata, 2021; Alam & Mohanty, 2023).

This study aims to explore the impact of Suno AI on students' Arabic listening skills, examine the extent to which students can acquire new vocabulary through AI-generated lyrics, and assess whether AI-generated music can motivate students to learn Arabic more effectively.

Method

This study employed a qualitative approach to explore the impact of AI-generated music, specifically through the Suno AI platform, on Arabic listening proficiency and vocabulary acquisition over a 3-week period (Creswell, 2021).

The study involved 120 students from Darullughah Wadda'wah, aged between 16 and 18 years old. All participants had basic foundational knowledge of Arabic, but their proficiency levels ranged from beginner to intermediate. Participants were selected based on their willingness to participate in a 3-week Arabic language program that incorporated the Suno AI platform. No specific exclusion criteria were applied, and all students who volunteered were accepted into the study. Ethical guidelines were followed, and informed consent was obtained from both students and teachers.

This qualitative research was conducted using a case study approach (Prihatsanti et al., 2018), aiming to capture the lived experiences of students and teachers who participated in the 3-week program. By focusing on a specific group of students and

their interaction with Suno AI, the study aimed to gain deeper insights into the effects of AI-generated music on language learning, particularly in the domains of listening skills and vocabulary acquisition.

The 3-week program involved integrating Suno AI-generated music into the students' daily Arabic language learning activities. Students were exposed to three AI-generated songs each week, selected based on their Arabic proficiency levels. The songs covered topics related to everyday conversation and cultural nuances, providing students with contextualized vocabulary and listening practice.

Suno AI Integration: suno AI: The platform was used to generate personalized music tracks in Arabic. Songs were chosen for their relevance to the students' language levels, and the lyrics provided vocabulary in a natural context. The music varied in complexity, starting with simpler songs and progressing to more challenging material as the program advanced.

Classroom Activities: Teachers played the AI-generated songs during class, and students were encouraged to listen to them multiple times outside of class. Following each listening session, class discussions were held to analyze the vocabulary and expressions used in the songs, encouraging active student participation.

Reflection and Application: In addition to classroom discussions, students were tasked with reflecting on the vocabulary they learned and applying it in written or spoken exercises during class.

Data Collection: semi-Structured Interviews: At the end of the 3-week period, semi-structured interviews were conducted with 15 students and six teachers to explore their experiences with Suno AI. These interviews focused on themes such as vocabulary acquisition, the role of music in learning, and perceived changes in listening comprehension.

Focus Group Discussions: Two focus groups consisting of 10 students each were held to encourage collaborative reflection on their experiences. The focus groups explored how students engaged with the Suno AI-generated content and how the music influenced their motivation and language learning.

Classroom Observations: Classroom observations were conducted throughout the 3-week period to monitor how students interacted with the AI-generated music and to capture their level of engagement and participation during listening activities (Guimarães & Lima, 2021).

All qualitative data collected from interviews (Bakkalbasioglu, 2020), focus groups, and classroom observations were analyzed using thematic analysis. The analysis followed Braun and Clarke's six-phase (Braun & Clarke, 2006) approach, focusing on identifying recurring themes related to the effectiveness of AI-generated music in language acquisition, student motivation, and the use of new vocabulary in real-life contexts. Key themes were extracted from the interviews and group discussions, allowing the researchers to develop a narrative that captured the students' experiences and the broader implications for Arabic language education.

All participants were informed of the study's purpose and their right to withdraw at any time. Informed consent was obtained from students and teachers, ensuring voluntary participation. Anonymity was maintained throughout the study, and ethical approval was secured from Darullughah Wadda'wah before the commencement of the research.

Result and Discussion

Media acts as a communication tool designed to enhance the effectiveness of the learning process. It plays a key role in achieving educational goals, linking media with the learning experience (Nurfathonah, 2023), and exploring how it supports and enriches education. This includes the benefits of media in teaching, the tools and techniques involved, and ongoing innovations in educational media. With the right media, learning becomes not only effective but transformative.

Suno AI is an artificial intelligence platform that dynamically creates music and audio content, which can be used as a tool in language learning, including Arabic. The use of Suno AI in Arabic language instruction introduces a novel approach that enhances listening skills (*mabarab al-istima'*) and vocabulary acquisition. Students can learn new vocabulary more effectively and contextualistically by integrating lyrics with music. The platform is easily accessible via devices such as laptops or smartphones, where learners can select difficulty levels based on their proficiency, ranging from beginner to advanced levels.

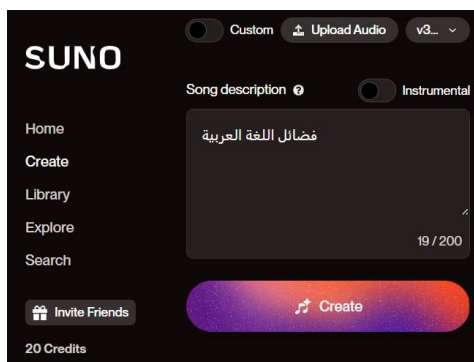
Suno AI offers a variety of songs covering diverse themes, from everyday conversations to more complex topics, allowing students to listen and practice new words in relevant contexts. One of the key advantages of this platform is its ability to synchronize lyrics with the music, enabling students to follow along with the words and deeply understand their meanings. Repetition of songs or specific sections plays a critical role in reinforcing vocabulary mastery, as students can listen to challenging words repeatedly until they fully comprehend and retain them.

Furthermore, the use of Suno AI in the classroom enables students to become more engaged and motivated. Music as a learning medium creates a relaxed and enjoyable atmosphere, ultimately reducing anxiety associated with language learning. Students benefit from both learning new vocabulary and improving their listening skills through creative and enjoyable content. Additionally, interactive quizzes available in some versions of Suno AI help students test their understanding of newly acquired vocabulary, making the learning process more effective and continuous.

To maximize learning outcomes, teachers can encourage students to apply the vocabulary they acquire from Suno AI in daily conversations. This practice allows students to memorize vocabulary passively and use it actively in communication, thereby reinforcing their overall language skills. Suno AI has proven to be effective in addressing language learning challenges, particularly in vocabulary acquisition and listening comprehension, while providing students with a more meaningful and engaging learning experience.

Practicing with Suno AI is an engaging way to enhance your language skills, particularly in listening comprehension and vocabulary acquisition. To begin, you can download the Suno AI app or access the platform via your computer, then sign up and customize your learning preferences based on your proficiency level. Start by selecting content that matches your goals, whether it's improving vocabulary, listening, or pronunciation. As you listen, actively follow along with the lyrics and translations provided by Suno AI to understand the new words and phrases. Rewind and repeat difficult sections, and re-listen to songs or parts of songs to reinforce your understanding.

You can also write down new vocabulary, create a list, or use flashcards for later review. Practice pronunciation by mimicking native speakers, and take advantage of Suno AI's feedback features to improve your speech. Interactive quizzes are available to test your comprehension and track your progress. Make listening to Arabic songs a daily habit, even as background music, to familiarize yourself with the language's sounds and structures. Finally, apply the vocabulary you've learned in real-life conversations or writing exercises, and review your progress regularly to see how your skills are improving. Consistent practice and active engagement with Suno AI will help you accelerate your Arabic language learning. This approach is interesting because the aspect description uses simple words like 'happy', 'techno', 'female voice', while the full description is more natural, such as 'A female singer performs a happy techno song'(Civit et al., 2024) . Various genres can also be explored.



Picture 1. Describe song or title, or some about lyric

We type فضائل اللغة العربية then we will get the lyrics of the song with beautiful music

[Verse]

اللغة العربية يا بحر الكلام
فيك الحروف ترقص وتلمع كالنجوم
منك الشعراء يستوون والإبداع يتسام
أصواتك تحكي التاريخ والعهود القديم

[Chorus]

عربية عربية لغة النجوم

[Verse 2]

الحروف لتتطق بها لها لحن وسحر
والكلام على اللسان كالحرير في الوطر
فيك القرآن قد أنزل والذكر يُسمع
أنت حضارة ورفي بلا مفر

[Bridge]

يا لغة الأجداد والسحر الجميل

فيك الجمال والكلمات تدوم
من حروفك نكتب ونرسم حلمنا
أنتِ لغة الأحلام والعلوم

فيك الطرب وفيك الفن الأصيل
من الفصحى للعامية في كل قيل
أنتِ النور وأنتِ الدليل

[Verse 3]
كلماتك كالورود في بستان الحياة
تترك أثرًا في الروح بأجمل الحكاية
فيك الحب وفيك الأمل والنجاة
يا لغة العرب يا لغة السماحة والهداية

[Chorus]
عربية عربية لغة النجوم
فيك الجمال والكلمات تدوم
من حروفك نكتب ونرسم حلمنا
أنتِ لغة الأحلام والعلوم

A common challenge in developing listening skills is the difficulty of retaining and memorizing new vocabulary (Jannah et al., 2022). This issue often arises because learners are exposed to unfamiliar words in spoken language, making it harder to remember them. Without sufficient repetition and context, the new vocabulary can quickly be forgotten. Additionally, listening comprehension requires understanding the meaning of the words and recognizing them within the flow of natural speech, which adds another layer of complexity to vocabulary acquisition during listening exercises. Thus, we develop such expressions to facilitate the retention of new vocabulary.

Arabic	English Translation	Indonesian Translation
اللُّغَةُ الْعَرَبِيَّةُ يَا بَحْرَ الْكَلَامِ	Arabic, oh sea of words	Bahasa Arab, oh lautan kata-kata
فِيكَ الْحُرُوفُ تَرْقُصُ وَتَلْمَعُ كَالنُّجُومِ	In you, letters dance and sparkle like stars	Dalam dirimu, huruf-huruf menari dan berkilau seperti bintang
مِنْكَ الشُّعْرَاءُ يَسْتَوُونَ وَالْإِبْدَاعُ يَتَسَامُ	From you, poets rise and creativity soars	Dari dirimu, para penyair muncul dan kreativitas melambung
أَصْوَاتُكَ تَحْكِي التَّارِيخَ وَالْعُهُودَ الْقَدِيمَةَ	Your sounds narrate history and ancient times	Suaramu menceritakan sejarah dan masa lalu yang kuno
الْحُرُوفُ لَتَنْطِقُ بِهَا لَهَا لَحْنٌ وَسِحْرٌ	The letters you speak have melody and magic	Huruf-huruf yang kau ucapkan memiliki melodi dan sihir
وَالْكَلامُ عَلَى اللِّسَانِ كَالْحَرِيرِ فِي الْوَتْرِ	Speech on the tongue is like silk on strings	Ucapan di lidah seperti sutra di tali
فِيكَ الْقُرْآنُ قَدْ أَنْزِلَ وَالذِّكْرُ يُسْمَعُ	In you, the Quran was revealed, and the remembrance is heard	Dalam dirimu, Al-Qur'an diturunkan, dan zikir didengar
أَنْتِ حَضَارَةٌ وَرُقِيٌّ بِلا مَفْرٍ	You are a civilization and progress without escape	Engkau adalah peradaban dan kemajuan tanpa jalan keluar

Arabic	English Translation	Indonesian Translation
عَرَبِيَّةٌ عَرَبِيَّةٌ لُغَةُ النُّجُومِ	Arabic, Arabic, the language of stars	Arab, Arab, bahasa bintang-bintang
فِيكَ الْجَمَالَ وَالْكَلِمَاتُ تَدُومُ	In you, beauty and words endure	Dalam dirimu, keindahan dan kata-kata abadi
مِنْ حُرُوفِكَ نَكْتُبُ وَنَرَسُمُ خُلْمَنَا	From your letters, we write and draw our dreams	Dari huruf-hurufmu, kami menulis dan menggambar impian kami
أَنْتِ لُغَةُ الْأَحْلَامِ وَالْعُلُومِ	You are the language of dreams and sciences	Engkau adalah bahasa impian dan ilmu pengetahuan
يَا لُغَةَ الْأَجْدَادِ وَالسِّحْرِ الْجَمِيلِ	Oh language of ancestors and beautiful magic	Oh bahasa leluhur dan sihir yang indah
فِيكَ الطَّرْبُ وَفِيكَ الْقَنُّ الْأَصِيلُ	In you, melodies and authentic art reside	Dalam dirimu, ada musik dan seni yang otentik
مِنَ الْمُصْحَى لِلْعَامِيَّةِ فِي كُلِّ قَبِيلِ	From classical to colloquial in every saying	Dari klasik ke percakapan sehari-hari dalam setiap ucapan
أَنْتِ النُّورُ وَأَنْتِ الدَّلِيلُ	You are the light and the guide	Engkau adalah cahaya dan petunjuk
كَلِمَاتِكَ كَالرُّوْدِ فِي بُسْتَانِ الْحَيَاةِ	Your words are like roses in the garden of life	Kata-katamu seperti bunga di taman kehidupan
تَتْرِكُ أَثْرًا فِي الرُّوحِ بِأَجْمَلِ الْحِكَايَةِ	They leave a mark on the soul with the most beautiful story	Meninggalkan jejak di jiwa dengan cerita terindah
فِيكَ الْحُبُّ وَفِيكَ الْأَمَلُ وَالنَّجَاةُ	In you, love, hope, and salvation reside	Dalam dirimu, cinta, harapan, dan keselamatan ada
يَا لُغَةَ الْعَرَبِ يَا لُغَةَ السَّمَاةِ وَالْهَدَايَةِ	Oh language of Arabs, language of grace and guidance	Oh bahasa Arab, bahasa kebaikan dan bimbingan
عَرَبِيَّةٌ عَرَبِيَّةٌ لُغَةُ النُّجُومِ	Arabic, Arabic, the language of stars	Bahasa Arab, Bahasa Arab, bahasa bintang-bintang
فِيكَ الْجَمَالَ وَالْكَلِمَاتُ تَدُومُ	In you, beauty and words endure	Dalam dirimu, keindahan dan kata-kata abadi
مِنْ حُرُوفِكَ نَكْتُبُ وَنَرَسُمُ خُلْمَنَا	From your letters, we write and draw our dreams	Dari huruf-hurufmu, kami menulis dan menggambar impian kami
أَنْتِ لُغَةُ الْأَحْلَامِ وَالْعُلُومِ	You are the language of dreams and sciences	Engkau adalah bahasa impian dan ilmu pengetahuan

We also get several expressions that are in accordance with the Indonesian language such as “gak ada obat” is an expression of Gen Z as an extraordinary expression, so the Arabic language is بلا مفر.

Then we can assign them to create a special theme, for example Gen Z likes to discuss love and longing, then it will produce the following lyrics

[Verse 1]

في قلبك لقيت الأمل والنور
دنيا تشرق لما تبتسم عينيك
يا حبيبي صار الفرح بجنوني يدور
وانا مغروم وكل يوم عمري فيك

[Verse 2]

كلماتك سحر والأيام تمشي بلون
لمسة من إيدك تطيب جرحي القديم
يا ليت العمر كله يصير جنون
واتعيش طول الليالي وأنت الحبيب

[Chorus]

يا هوا يا شوق يا حب العمر
في عيونك لقيت الجنة والكل الدفا
لحظات تجمعننا في كل السهر
وانا بهمس اسمك حتى لو الفراق جفا

[Verse 3]

ذكريات معاك تطوف مثل النسيم
تبقى قلبي دايم وأنس البلسم
ضحكتك تبكي دموع الحزن الأليم
وأغني لك حبيبي كل ما أنساك أرجع أتكلم

[Chorus]

يا هوا يا شوق يا حب العمر
في عيونك لقيت الجنة والكل الدفا
لحظات تجمعننا في كل السهر
وانا بهمس اسمك حتى لو الفراق جفا

[Bridge]

رحلة عمر وصار حبك خطوة
نبي أحلامنا على شاطئ الهوى
حتى لو شط الفراق صار سحابة
بالقلب يا حبيبي تبقى أنت الهوى

Assign them to take note of what they have listened to and express it as much as they can. These lyrics can also be studied with peers; learning together with peers and reinforcing each other's vocabulary recall will have a positive impact (Wahdah et al., 2022).

Suno AI offers a wide range of music genres from which you can choose daily. By subscribing, you gain access to even more options, allowing you the freedom to explore your creativity more fully. Mindfulness, or the ability to observe oneself, enhances listening skills by eliminating distractions and barriers (Dil & Çam, 2024). It sharpens mental focus and prevents biased thoughts or judgments during listening, helping us connect more deeply with others and better understand emotional signals (Dil & Çam, 2024). If fortunate, one may encounter a song that deeply resonates with the soul, fostering a heightened sense of mindfulness and providing a profound sense of inner calm and tranquility..

Increased Motivation through AI Music

Over the 3-week program, students showed a noticeable increase in motivation to learn Arabic. From interviews conducted with 15 selected students, the majority

expressed that Suno AI made listening sessions more enjoyable and engaging. One student remarked:

"I didn't know much about AI before, and I was so surprised to see how diverse AI could be, even creating music. It's incredibly creative, and using it as a learning tool made studying so much more enjoyable. My mood for learning really improved thanks to the music from Suno."

Teachers also noticed a rise in student participation during Suno AI lessons. Classroom observations revealed that students were more eager to join in and more focused during listening activities. Teachers reported that integrating music into listening exercises made the students more enthusiastic and motivated to learn Arabic.

Vocabulary Acquisition from Relevant Content

Even though the program was only 3 weeks long, students reported an improvement in learning new vocabulary. During focus group discussions, many students said that the lyrics from Suno AI songs contained vocabulary that was easy to understand and relevant to their daily lives. One student commented:

"The vocabulary from the song lyrics is easier to remember because it often comes up in everyday conversation. I find it easier to memorize new words because they are connected to the music I listen to."

Additionally, teachers observed that students began to use the new vocabulary they learned in classroom discussions and speaking exercises. Classroom observations showed that students were more confident in using the new words introduced through Suno AI in spoken interactions.

Improved Listening Skills

Both classroom observations and interviews indicated that the 3-week program positively impacted students' listening skills. Many students reported that listening to music generated by Suno AI helped them become more familiar with Arabic pronunciation, intonation, and rhythm. One student explained:

"Listening to Suno AI songs helped me understand how native Arabic speakers talk. I became more aware of correct pronunciation and could pick up words more easily. Although occasionally when regenerating the music, we encountered phrases that were not in fushah or amiyah, which was rare, it was still very enjoyable because we gained new knowledge, a fresh perspective, and deeper insights into both the language and the culture."

Teachers observed that students responded better to instructions in Arabic and could answer questions based on AI-generated music content, showing improved processing of spoken information. Music, known to influence emotions and behavior, also enhances memory and attention, crucial for learning. Suno AI integrates music into neurolinguistic Arabic learning, leveraging neuroscience principles to help the brain absorb and retain language effectively (Hu et al., 2021). By activating multiple brain areas, this AI-driven approach improves vocabulary acquisition and listening

comprehension (Jailani et al., 2021). Future research could explore the broader role of music in education and well-being, offering valuable insights for academic and personal growth.

Visuals are highly effective in aiding memory retention as a mnemonic technique, providing learners with a tangible way to anchor information (Mahmudah et al., 2024). Audio, in addition to its visual counterpart, plays a crucial role in enhancing memory retention, often by stimulating the imagination to create vivid mental visuals. In the field of video editing, it is widely acknowledged that when faced with a trade-off, prioritizing high-quality audio over visuals is a common practice. This is because well-crafted audio can evoke rich imaginative experiences, significantly reinforcing memory. Beyond these benefits, the synergy between auditory and visual stimuli, often termed 'audio-visual,' enhances mnemonic retention by engaging dual cognitive channels. Much like a well-produced film that combines striking visuals with an evocative soundtrack to leave a lasting impression, integrating music with visual content in learning fosters powerful cognitive connections. This dual-channel approach not only aids in retaining vocabulary and concepts but also creates a more immersive and impactful learning experience, particularly through platforms like Suno AI, which exemplify the potential of this integration in educational settings.

Although the study yielded highly positive results, a few minor challenges arose during the implementation of Suno AI. Some students felt that the program's short duration slightly limited their ability to fully master all the introduced vocabulary, yet overall, they still derived significant benefits. Teachers also faced some difficulties in adapting their teaching methods to integrate AI-based music, but they recognized the great potential of this technology. One teacher noted that while the outcomes were very encouraging, allowing more time would enable a deeper integration of Suno AI into the curriculum, maximizing its long-term impact.

Conclusion

This study explored the use of Suno AI, an artificial intelligence-based music platform, to enhance listening skills (*maharah al-istima'*) and vocabulary acquisition in Arabic language learning. This research indicates that AI holds great potential in creating a more personalized, adaptive, and interactive learning experience. By utilizing music as a medium for learning, Suno AI offers a more engaging and contextual approach for students to acquire new vocabulary and improve their listening abilities. The students involved in this study showed significant improvements in their motivation to learn and in their mastery of vocabulary, becoming more confident in understanding and responding to Arabic audio content. Through repetitive and relevant song lyrics, students were able to easily recall new words and grasp their usage in real-life contexts. Additionally, their listening skills improved, as evidenced by their enhanced ability to recognize words and intonation patterns in Arabic more quickly.

However, challenges remain, particularly regarding the short duration of the program and the adaptation of teaching methods to incorporate AI technology into traditional curricula. While the results of this study are promising, a longer period is

needed to integrate AI more thoroughly into the language learning process. Overall, this research provides empirical evidence of the benefits of AI technology, specifically Suno AI, in Arabic language education. AI-powered music can be a significant innovation in the educational field, especially in Islamic boarding schools (pesantren) and Islamic educational institutions, to support the development of students' language skills in the digital era.

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