Improving quranic exegesis learning through podcast learning media for high schools

Asda Amatullah [a,1], Ahmad Nurrohim [b,2], Naadiyah Syifaul Ummah [c,3], Annisa Nur Izzati [d,4], Fatimah Salma Az-Zahra [e,5], Jessenia Hayfa Anshara [f,6], Qomariah Nur Mujahidah [g,7] Ahmad Mulalic [h,8]

[a,b,c,d,e,f,g] Universitas Muhammadiyah Surakarta, Indonesia
[h] Centar za obrazovanje odraslih Gračanica, Bosnia
[1] g100220012@student.ums.a.c.id; [2] an122@ums.ac.id; [3] g100221070@student.ums.ac.id; [4] g100221079@student.ums.ac.id; [5] g100221084@student.ums.ac.id; [6] g100221081@student.ums.ac.id; [7] g100221085@student.ums.ac.id; [8] mulalicahmed5@gmail.com

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ABSTRACT

The purpose of this research is threefold: first, to create a high-quality podcast as a learning tool for students; second, to validate podcasts with experts in their fields; and third, to assess how well the podcast works with students in grade twelve at Madrasah Aliyah PPMI Assalaam. Students from experimental class XII (n=35) participated in this study. The Classroom Action Study method, created by Kemmis and Mc Taggart, was used in this research and development. The procedure is carried out in the following order: (1) preparation, (2) implementation, (3) monitoring, and (4) analysis. Observation, interviews, testing, and documentation are the methods used to collect information for efficacy tests. Students can be motivated, their attention captured, their knowledge deepened, their learning outcomes improved, and their learning goals met with the help of high-quality podcast material. Student performance in the pre-cycle, the results of the presentation of the first cycle and the next stage of activities from the second cycle are indications of program efficacy. The findings of the study suggest that high school students can benefit from using audio podcasts as a learning tool. The feasibility test of the voice podcast learning media, which includes master validation in operational field experiments, yielded "Good" results. The use of audio podcasts as a teaching tool significantly improves students' presentation completion scores compared to the use of traditional teaching methods.

Introduction

Science has rapidly developed in the field of education to meet modern demands; as a result, information technology media plays an important role in the learning process, serving as a medium for disseminating specific information with the primary goal of helping students achieve their academic and personal potential. As a medium for enhancing students' sensory and motor skills, media plays an important role in the learning process by facilitating the transmission of knowledge from instructors to students(Muhson, 2010). And arouse curiosity about the ability of Mahārah al Istimā. Therefore, it is very important to achieve learning objectives by carefully selecting learning materials.

In order for education to change a person's attitudes, knowledge, and behavior, education must be structured as a process that combines learning and information, and this process must be dynamic and participatory(Asmi, 2019). If the teaching and learning process goes as expected, quality education can be effectively realized. The importance of technology in education cannot be overstated. By utilizing various learning resources, tools, and techniques, high-quality learning can be realized. As a result, the advancement of information and communication technology has become significant and rapid, impacting many areas of life and becoming a phenomenon that is no longer foreign to society(Riwayadi, 2013).

Ws. Winkel argues that learning is best understood as a lifelong journey, offering opportunities to acquire wisdom, competence, and character. Media is a tool that can be used to make educational information more accessible. Learning, in the view of John Caroo(Suja'i, 2008), defined as an action that, as a result of exposure to new information, undergoes observable and measurable changes(Ilana et al., 2021).

When discussing the importance of modern media, the idea of the "advanced generation" has become the center of attention. The advanced generation and the question of how to build a school system capable of addressing modern issues are interconnected. "Digital media literacy" is a rapidly growing field of study that aims to draw attention to the possibilities of educational institutions both now and in the future(Erstad, 2010). As evidence of the profound impact it has on people's daily lives, digital media has emerged as a new form of mass communication with broad social implications. Shifts in perspective and methods of interaction with classmates and teachers(Kurniawati & Baroroh, 2016).

For technological advancements in education to be successful, high-quality visual and audio media are very important(Anshara & Nurrohim, n.d.). This will ensure that students' learning activities make efficient use of their time and result in better learning outcomes. Therefore, there are many ways in which technological devices, such as audiovisual media, can facilitate learning(Gunarti, 2020).

As the most widely used type of audiovisual content in the 4.0 education era among millennials, podcasts have quickly become one of the most popular forms of online media. Technological advancements have made many things easier and more versatile. One of them is the ability to listen to Quranic exegesis, which is an important skill in today's world. One of the reasons why podcasts are a good medium for studying this topic is because podcasts offer an alternative to traditional audiobooks and other traditional media forms. Tom Webster stated that "the path to the brain through the ear (sound) is faster than the path through the eye (sight)" while explaining how sound reaches the brain before sight. The Area radio show has undergone remarkable expansion over the past few years. Phillips, users can create digital audio podcasts and send them to the Platform so that others can listen to them. The distribution of digital audio files is another purpose of podcasts(Phillips, 2017).

Even in Indonesia, the word "podcast" has become more common, especially among the large population of young adults in the country (those aged 20–25) who own smartphones (average user age: over 60%). Both individuals and Indonesian media conglomerates have found success with podcasts created by many talented individuals in the country(Fitriyana & Husna, 2022). The idea of podcasts has been implemented at all levels of institutions in other countries, from the most basic to the most advanced, with the aim of providing educational content(Nirwana, n.d.).

Media also has a significant influence, and audio learning media is one type of media that helps facilitate the smooth functioning of education(Darwis, 2016). Audio media not only has beneficial impacts but is also valuable, Weidenman stated, "Audio has always been a medium that enhances brain memory, more personal because sound contains intonation and expression(Istanto & Indrianti, 2011).

Method

Using the library as a case study, this research is qualitative and descriptive. Descriptive research aims to identify the features, components, and essence of a phenomenon. The collection, analysis, and interpretation of information form the basis for the use of this method in research. Bold observations using scientific journals, books, and other literary sources are methods of data collection. Research conducted in libraries often uses various sources, including books, periodicals, historical records, papers, and other written materials. Secondary sources are used for this data. The reason is that the content of this page comes from various sources, including books, scientific publications, and notes. The term "secondary information" refers to data that does not come directly from the source itself. Notes and other descriptive data are the final products of this qualitative study. When using it, the researchers noted the steps outlined by to conduct library research, which include:

1. Choosing a topic
2. Exploring information
3. Determining the research focus
4. Gathering sources of information
5. Preparing the presentation of information
6. Preparing the report

Result and Discussion
A. Results

Media such as podcasts can be accessed through electronic devices like computers, laptops, TVs, or smartphones, making them a prime example of ongoing electronic learning. Electronic gadgets are the instruments. Audio learning facilitated by electronic services such as computers, mobile phones, the internet, and so on is known as electronic learning. Tutoring programs are another resource that students can use to complement their education(Sukmaningtyas et al., 2024).

Educators are not the only ones who can benefit from electronic learning activities; students also have access to a wealth of materials, including electronic devices, modules, SCORM, audio podcasts, and videos, among various other resources. Anytime, anywhere, students can independently seek the knowledge they need. Every student has the opportunity to learn at their own pace(Andri Nirwana et al., 2024).

Because electronic learning facilitates the use of all learning principles – perception, motivation, action, correlation, repetition, and cooperation – electronic learning can enhance the effectiveness of learning activities. Online education has the additional benefit

of making class time more productive. Thanks to all its benefits, we can reduce classroom learning time. Furthermore, by implementing electronic learning, we can stay at the forefront of keeping up with technological advancements.

B. Discussion

Preparation is key when creating educational material in podcast format. The first is the necessary equipment, such as a microphone (you should choose a high-quality microphone for the best sound quality). To highlight the voice, a tripod is used to hold the microphone in place, ensuring it is not too far from the lips to produce good sound. To edit and produce audio, a computer is the most important tool(Zahra et al., 2024).

Using the Anchor app to facilitate more engaging, effective, and efficient learning is the most important aspect of audio podcasting that will be discussed in this post(Cahyono et al., 2024). If you want to start a podcast and are looking for a free platform to do so, you should consider Anchor. Michael Mignano and Nir Zicherman founded Anchor in 2015. After Spotify acquired Anchor in February 2019, the service rebranded as Spotify for Podcasters in 2023. Anchor is available online and as a download(Hidayat et al., 2024).

Compared to other applications or software, Anchor stands out because of its unique features and benefits; its user-friendliness makes it ideal for anyone looking to start a podcast(Hamandia, 2024). Anchor supports features that are simple and easy to understand. If you want to edit a podcast easily, you should take advantage of Anchor's versatile editing tools(An et al., 2023). Users have the ability to trim, apply effects, adjust volume, and much more. Anchor users now have the option to immediately release their podcasts to several leading sites, including Spotify, Apple Podcasts, and many more. Furthermore, you can take advantage of Anchor's basic services without paying a dime. Educators can now produce high-quality audio podcasts for students to use more easily and affordably. The Main Media Outline enables the development of scenarios that can be used for audio podcast media. Here are some examples and processes for creating an audio podcast:

1. Determine the material and indicators of competency achievement.
2. Think and imagine what the concept of the podcast will be like.
3. Prepare the Equipment
4. Arrange the episode framework in detail.
5. Strive to make the audio recording process as perfect as possible.
6. Edit the audio to make it unique and interesting.
7. Choose a Hosting Platform

Next are the steps to use the Anchor app in creating an audio podcast, as follows:

1. First, download the Anchor app
2. Create an account to access Anchor's features
3. Then log in using the account that has been created
4. After logging in, click the record button to start recording.
5. Next, adjust your recording with the available editing features.
6. If it is finished, the podcast can be published.

According to the research published in the journal "Utilization of Anchor as a Podcast Distribution Platform (Qualitative Study of the Podcast Notesa Nte Notutura)" by Fitra Yanim M(Yani, 2021), The use of Anchor is considered beneficial because it makes knowledge more accessible and affordable. Anchor can send podcast promotional materials to nine different channels(Salam et al., 2024).

In the journal "Development of Narrative Audio Podcast Learning Media Using the Anchor Application for Listening to Fiction Texts in 5th Grade Elementary School" written

by Siti Rofi'atul Adawiyah and Maryam Isnaini Damayanti, S.Pd., M.Pd(Adawiyah, 2022). The potential of Anchor as a teaching tool is beyond doubt. The results of the media consumption test are suitable for use in an educational environment.

If we talk about audio podcasts as one of the educational materials, there are alternatives to Anchor, such as Spotify. Listeners of millions of songs and audiobooks from around the world are available on Spotify, a music streaming service. Since the Anchor app can be directly linked to the Spotify app, uploading audio podcasts is also quite easy through this app, and anyone can access it, including instructors and students.

Spotify is more of a complementary tool than Anchor; Spotify allows students to submit and listen to refined audio podcast material. Text can be displayed by Spotify from audio. Video podcasts can also be added to Spotify if needed. Students can enjoy and understand audio podcasts better with the provided features, and they can use the Spotify app for free, so there are no financial barriers. There are several different methods to utilize the Spotify app:

1. Open the Spotify app
2. If not yet, log in through your Gmail or Google account
3. Choose, search, type the title of the podcast you want to listen to.
4. Choose Episode
5. Listen to the Podcast

According to the journal article titled "Utilization of Spotify Podcast Media in English Language Learning for Students of SMK YAPIM Siak Hulu Riau"(Ilyas et al., 2024) written by Muhammad Ilyas, Miranti Eka Putri, Zaka Hadikusuma Ramadan, and Atika Dinda Mayasari, Spotify can enhance students' learning motivation and achievement in English lessons. Based on the survey results, 92.5% of students stated that they enjoy listening to podcasts on Spotify, and 1.9% stated that they enjoy it very much(Naurah et al., 2024).

To be able to use audio podcast media as a learning medium, an analysis needs to be conducted to find supporting facts(Desember & Taufiq, 2024). One of them is the analysis conducted by students. Knowing the personality of the students is very important to ensure that the media we create is suitable for the audience that will be exposed to the content. It is highly recommended to present the material as clearly as possible using slang and making it as engaging as possible, because high school students are known for their communication style, which is quite proficient in various vocabularies and slang(Fadhilah et al., 2021). Analysis by users or educators is the second analysis. Because poor learning activities can occur if educators or instructors are unable to control and create the media used in the learning process, this skill must be examined(Nurrohim & Adyatma, 2023).

Curriculum analysis is the third. Finding out what will be presented as educational resources in the media is the objective of this investigation. In addition, the indications, basic skills, and competency standards that will be used as content in the audio podcast learning media are also analyzed as part of the curriculum. Testing the media or product on students with personalities similar to those who will use it is the next stage after production. After the trial, if any issues with the audio podcast material are found, revisions need to be made to ensure the final product is more acceptable and meets the desired criteria and competency goals(Izuddin et al., 2024).

Conclusion

The development of information technology and digital media, especially podcasts, plays a very important role in the modern educational world. Podcasts, as an audio medium, provide ease of access to information and enhance the effectiveness of learning. This technology supports more flexible, interactive, and efficient learning, allowing

students to learn at their own pace anytime and anywhere. In addition, the use of applications like Anchor and Spotify in the production and distribution of podcasts provides easy access for students and educators to enhance the quality of learning.

In the context of learning, podcasts also help introduce a more dynamic and participatory approach, accelerate the dissemination of information, and enhance communication skills. Nevertheless, it is important to consider audience analysis, curriculum, and educator readiness in designing materials so that this media is effective and aligned with learning objectives. With the advancement of technology, digital media such as podcasts will continue to play a crucial role in the success of more modern and quality education.

References

Adawiyah, S. R. (2022). *Pengembangan Media Pembelajaran Audio Podcast Narasi Menggunakan Aplikasi Anchor Untuk Pembelajaran Menyimak Teks*. *10*, 1882–1892.

An, A. N., Nurrohim, A., Jimly, I., Shiddiqi, A., Azizi, M., Agus, M., Lovely, T., Mas'ud, I., & Akhyar, S. (2023). Pelatihan Metode Tajdied untuk Peningkatan Membaca Al-Qur'an Siswa SD Muhammadiyah Program Khusus Kottabarat (Tajdied Method Training to Improve Al-Qur'an Reading for Muhammadiyah Elementary School Students Kottabarat Special Program). *Jurnal PEMA Tarbiyah*, *50*(1), 50–68.

Andri Nirwana, A. N., Affani, S. F., Junaedi, D., Akhyar, S., Suri, S., Nurrohim, A., Dahliana, Y., & Azizah, A. (2024). A historical review on mapping the evolution and direction of leadership in Islam: Challenges and development opportunities. *Multidisciplinary Reviews*, *7*(6). https://doi.org/10.31893/multirev.2024124

Anshara, J. H., & Nurrohim, A. (n.d.). *The Role of Qur'anic Exegesis in Promoting Social Welfare: A Literature Review of The Implementation of Justice Values in The Holy Verses*. 2217–2221.

Asmi, A. R. (2019). Pengembangan media pembelajaran audio berbasis podcast pada materi sejarah lokal di Sumatera Selatan. *Historia: Jurnal Pendidik Dan Peneliti Sejarah*, *3*(1), 49–56.

Cahyono, I. A., Azizah, A., & An, A. N. (2024). Resilience to Calamity in Qur'anic Perspective. *AL-AFKAR: Journal for Islamic Studies*, *7*(2), 975–993. https://doi.org/10.31943/afkarjournal.v7i2.1035.Abstract

Darwis, R. (2016). Students'perceptions towards the use of podcast in learning english: a case study of the second grade students at one high school in bandung. *Journal of English and Education*, *4*(2), 80–100.

Desember, V. N., & Taufiq, M. (2024). *Pengaruh Digital Culture Terhadap Alquran*. *4*(3), 653–662.

Erstad, O. (2010). Educating the digital generation. *Nordic Journal of Digital Literacy*, *5*(1), 56–71.

Fadhilah, U., Nugroho, K., & Azizah, A. (2021). *Development of Al-Qur'an Interpretation Research in the Digital Era: Bibliometric Approach with R for Statistical Computing*. 1498–1509.

Fitriyana, F., & Husna, J. (2022). Pemanfaatan Media Audio Podcast sebagai Sarana Kemas Ulang Informasi. *Information Science and Library*, *3*(2), 77–78.

Gunarti, T. T. (2020). Pengembangan Media Pembelajaran Bahasa Arab Berbasis Audio Visual Untuk Meningkatkan Maharah Istima'Pada Siswa-Siswi Madrasah Ibtidaiyah. *Awwaliyah: Jurnal Pendidikan Guru Madrasah Ibtidaiyah*, *3*(2), 122–129.

Hamandia, M. R. (2024). *Opportunities and Challenges of Podcasts as an Effective Da'wah Media*

in Era 5 . 0 (Vol. 0, Issue Icdcde). Atlantis Press SARL. https://doi.org/10.2991/978-2-38476-285-9

Hidayat, W. N., Nurrohim, A., & Suharjianto. (2024). *E-Learning Based Teaching Revolution of the Quran Interpretation at Universitas Muhammadiyah Surakarta*. Atlantis Press SARL. https://doi.org/10.2991/978-2-38476-102-9_17

Ilana, V. R., Hidayat, E., & Mardasari, O. R. (2021). Pengembangan media podcast untuk keterampilan menyimak mahasiswa prodi pendidikan bahasa Mandarin Universitas Negeri Malang. *JoLLA: Journal of Language, Literature, and Arts*, *1*(2), 151–161.

Ilyas, M., Miranti Eka Putri, Ramadan, Z. H., & Mayasari, A. D. (2024). Pemanfaatan Media Podcast Spotify Dalam Pembelajaran Bahasa Inggris Bagi Siswa di SMK YAPIM Siak Hulu Riau. *Journal Of Human And Education (JAHE)*, *4*(1), 172–178. https://doi.org/10.31004/jh.v4i1.564

Istanto, J. W., & Indrianti, I. (2011). Pelangi Bahasa Indonesia podcast: what, why and how. *Electronic Journal of Foreign Language Teaching*, *8*(1), 371–384.

Izuddin, F. R., Dahliana, Y., & Hidayat, S. (2024). *Study of the Living Quran: Religious Moderation in the Quran (Role of the Lingkar Perdamaian Foundation in Deradicalization Efforts)*. Atlantis Press SARL. https://doi.org/10.2991/978-2-38476-102-9_10

Kurniawati, J., & Baroroh, S. (2016). Literasi media digital mahasiswa universitas muhammadiyah bengkulu. *Jurnal Komunikator*, *8*(2), 51–66.

Muhson, A. (2010). Pengembangan media pembelajaran berbasis teknologi informasi. *Jurnal Pendidikan Akuntansi Indonesia*, *8*(2). https://doi.org/10.21831/jpai.v8i2.949

Nashihin, H., Rachman, Y. A., Fitrianto, I., & Suhartono. (2025). Empowering Creativity Of Disabled Students Through Sustainable Agropreneur Education at Ainul Yakin Islamic Boarding School in Yogyakarta to Support the SDGs. Journal of Lifestyle and SDGs Review, 5(2), e02878. https://doi.org/10.47172/2965-730X.SDGsReview.v5.n02.pe02878

Naurah, S., Rhain, A., Dahliana, Y., Nugroho, K., & Surakarta, U. M. (2024). *AL-AFKAR : Journal for Islamic Studies Peran Tafsir Dalam Mendukung Program Moderasi Beragama*. *7*(3), 998–1020. https://doi.org/10.31943/afkarjournal.v7i3.1575.The

Nirwana, A. (n.d.). *The Media of Washatiyah Dakwah in Quranic Exegesis Study*.

Nurrohim, A., & Adyatma, I. (2023). The Meaning of Musabaqah Hif? il Qur'an for Students Who Memorize the Qur'an. *Prosiding University Research Colloquium*, 1–13.

Muthoifin, Erawati, D., Nashihin, H., Mahmudulhassan, Setiawan, B. A., Rofi, S., & Hafidz. (2024). An Interfaith Perspective on Multicultural Education for Sustainable Development Goals (SDGS). Journal of Lifestyle and SDGs Review, 4(3), e01720. https://doi.org/10.47172/2965-730X.SDGsReview.v4.n03.pe01720

Phillips, B. (2017). Student-Produced Podcasts in Language Learning--Exploring Student Perceptions of Podcast Activities. *IAFOR Journal of Education*, *5*(3), 157–171.

Riwayadi, P. (2013). Pemanfaatan Perkembangan Teknologi Informasi Dan Komunikasi Untuk Kemajuan Pendidikan Di Indonesia. *Available at PLS-UM Database*.

Salam, M. A., AN, A. N., Rhain, A., Azizah, A., & ... (2024). Challenges of Da'wah Research: Understanding Da'wah Models in The Context of Qur'anic Guidance and Social Change. *Al-Afkar, Journal For …*, *7*(3), 1120–1141. https://doi.org/10.31943/afkarjournal.v7i3.1604.Abstract.

Suja'i, I. P. B. A. (2008). Strategi dan Metode Pengembangan Kompetensi. *Semarang: Walisongo, Cet*, *1*.

Sukmaningtyas, A. N. I., Nurrohim, A., Amatullah, A., Az-Zahra, F. S., Jundy, A. M., Lovely, T., & Haqq, M. S. (2024). Etika Komunikasi Al-Qur'an dan Relevansinya dengan Komunikasi di Zaman Modern. *Jurnal Semiotika; Kajian Ilmu Al-Qur'an Dan Tafsir*, *4*(2), 557–576.

Syaiful Anam, H. N. (2023). Metode Penelitian (Kualitatif, Kuantitatif, Eksperimen, dan R&D). PT GLOBAL EKSEKUTIF TEKNOLOGI. https://books.google.co.id/books?hl=id&lr=&id=w-bFEAAAQBAJ&oi=fnd&pg=PA1&ots=vRP1bKcVRG&sig=dA4E7fb8uf45B7Uv87Jkz tTGviQ&redir_esc=y#v=onepage&q&f=false

Yani, F. (2021). Pemanfaatan Anchor Sebagai Platform Distribusi Podcast (Studi Kualitatif Podcast Notesa Nte Notutura) Utilization Of Anchor As Podcast Distribution Platform (Qualitative Study Of Notesa Nte Notutura Podcast). *Connected Jurnal Ilmu Komunikasi*, *2*(2), 130–145.

Zahra, A. A., Dahliana, Y., & AN., A. N. (2024). Sha'rawi's Perception of Economic Solutions for Home Women in QS Al-Ahzab Verse 33 with Tahlili Approach. *Al-AFkar: Journal for Islamic Studies*, *7*(1), 79–87. https://doi.org/10.31943/afkarjournal.v7i1.905.Abstract.