



Application Of Qur'an Kemenag In Learning Islamic Religious Education In *Madrasah* In West Aceh

Muhammad Faisal*

STAIN Teungku Dirundeng Meulaboh, Indonesia
mfaisal240891@gmail.com

Khairuddin Hasan

STAIN Teungku Dirundeng Meulaboh, Indonesia
khairuddinhasan@staindirundeng.ac.id

Fatta Hillah

STAIN Teungku Dirundeng Meulaboh, Indonesia
fatta.hillahmbo@gmail.com

Reynaldi Aulia Rahim

STAIN Teungku Dirundeng Meulaboh, Indonesia
reynaldiabdullah131001@gmail.com

Nazar Fadli

Necmettin Erbakan üniversitesi, Turkey
nazarfadli@ogr.erbakan.edu.tr

***Correspondence:** *mfaisal240891@gmail.com*

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Abstract

The purpose of this study is to see the benefits of the application of the Qur'an Kemenag to the learning of Islamic Religious Education in madrassas located in West Aceh Regency. As is known in today's globalization era, the world of technology and communication continues to develop. The influence of this development has an impact on all aspects of human life, including in the joints of education. The Islamic education sector is at the madrasah level in West Aceh district. The use of the Quran Kemenag application in the PAI learning process has a significant impact where the values of Islamic education in the Quran are easy to understand by students that using the Qur'an Application developed by the Ministry of Religious Affairs of the Republic of Indonesia in collaboration with related institutions. This application offers several features that facilitate Access to understand the verses of the Qur'an in exploring the values of Islamic education. Based on the results of research that has been conducted, this application is very useful for students in the *madrasah* environment of West Aceh district. Because the

features offered in this application are very helpful for students to understand the educational values contained in the Qur'anic Verses.

Keywords: Application of Qur'an Kemenag, Islamic Education, Madrasah

Tujuan penelitian untuk melihat manfaat penerapan Al-Qur'an Kemenag terhadap pembelajaran pendidikan agama Islam di madrasah yang terletak di Kabupaten Aceh Barat. Seperti diketahui di era globalisasi saat ini, dunia teknologi dan komunikasi terus mengalami perkembangan. Pengaruh perkembangan tersebut berdampak pada seluruh aspek kehidupan manusia, termasuk dalam sendi-sendi pendidikan. Sektor pendidikan Islam berada pada tingkat madrasah di Kabupaten Aceh Barat. Penggunaan Aplikasi Al-Qur'an Kemenag dalam proses pembelajaran PAI memberikan dampak yang signifikan, menjadikan nilai-nilai pendidikan Islam dalam Al-Quran mudah dipahami oleh siswa yang menggunakan aplikasi Al-Qur'an yang dikembangkan oleh Kementerian Agama Republik Indonesia bekerja sama dengan institusi lainnya. Aplikasi tersebut menawarkan beberapa fitur yang memudahkan akses untuk memahami ayat-ayat Al-Qur'an dalam menggali nilai-nilai pendidikan Islam. Berdasarkan hasil penelitian, aplikasi Al-Qur'an Kemenag sangat bermanfaat bagi siswa di lingkungan madrasah Kabupaten Aceh Barat. Sebab fitur-fitur yang ditawarkan pada aplikasi sangat membantu para pelajar untuk memahami nilai-nilai pendidikan yang terkandung dalam Al-Qur'an.

Kata Kunci: Pembelajaran 'Ulum Al-Qur'an, Urgensitas, Diagnosa Masalah

INTRODUCTION

The development of technology in the field of education has brought a significant impact on the way we learn and teach. Technological innovations have expanded accessibility to educational resources and enabled learning to be more interactive and personalized. One of the most striking technological developments in education is the advent of the internet and widespread access to information. Students can now access a variety of learning resources from different parts of the world quickly and easily, changing the way they acquire knowledge.

Technology has also created online learning platforms or e-learning, which allow students to take courses and access learning materials through computers or mobile devices. This opens the door to distance learning and allows wider access to education, especially for those who find it difficult to be physically present at school or university.

The use of adaptive learning software and artificial intelligence (AI) in education has enabled personalized learning. The system can tailor content and learning methods according to each student's individual needs and abilities, maximizing their learning potential.

Technology has introduced the concept of collaborative learning that allows students to work together through online platforms. They can share knowledge, solve problems together, and collaborate on educational projects.

Virtual Reality (VR) and Augmented Reality (AR) have opened new doors in education. They allow students to experience immersive and interactive learning experiences, such as virtual explorations in various historical locations or scientific simulations. The use of video in learning has allowed teachers to deliver lesson material in a more engaging and motivating way. Videos can also be used to document student presentations and work.

Mobile learning has enabled access to educational resources anytime, anywhere. Learning apps and mobile-friendly platforms allow students to learn on the go or outside

of school hours. Technology has also changed the way assessments and evaluations are conducted. The use of automated grading systems and data analysis allows teachers to provide faster and more accurate feedback to students, as well as monitor their progress more effectively.

The integration of technology in the curriculum also prepares students to face future challenges. They learn to use relevant tools and platforms in the modern world of work, improving their digital skills. Lastly, technological developments in education have also encouraged innovation in teaching methods. Teachers can leverage a variety of tools and platforms to create a more engaging and effective learning experience, creating a more dynamic and inspiring learning environment.

Teachers of Islamic Religious Education have a great responsibility in educating students about the values and teachings of Islam. In today's digital era, the use of technology is a must in maximizing the effectiveness of Islamic religious learning. Technology enables teachers to access quality and diverse Islamic Religious Education resources. With access to the Islamic Religious Education online platform and application, teachers can enrich their learning materials with the latest and most trusted sources.

Islamic Religious Education teachers need to be able to utilize digital media to create an interesting and interactive learning experience for students. For example, they can use learning videos, animations, or multimedia presentations to illustrate Islamic religious concepts in an engaging and easy-to-understand way. Technology also enables the use of gamification in Islamic religious learning, which can increase student motivation and involvement in the learning process.

In addition, teachers should also utilize social media and online communication platforms to facilitate discussion and interaction between students. By setting up discussion groups or online forums, teachers can expand the space for dialogue on Islamic religious topics, allowing students to share their opinions and understandings with each other. Technology allows teachers to devise more structured and measurable lesson plans. By using learning management software or planning apps, teachers can manage schedules, assign assignments, and monitor student progress more efficiently.

Islamic Religious Education teachers also need to utilize online learning platforms to provide additional materials and exercises to students. By utilizing online resources, teachers can provide more detailed and challenging material for students who have special interests or a higher level of understanding. Technology allows teachers to adopt flipped classroom models. In this model, teachers can record their lectures or presentations and share them with students before the class meeting. This allows class time to be used more effectively for discussion, problem solving, and other interactive activities.

Teachers should also utilize digital evaluation tools to monitor student progress. By using evaluation software or performance measurement platforms, teachers can provide faster and accurate feedback to students about their performance in understanding Islamic religious material.

Islamic Religious Education teachers should utilize technology to promote inclusivity in learning. They can use technological tools to facilitate access of students with special needs or different learning styles, ensuring that each student can access and understand Islamic religious materials well.

In line with these developments, it also has an impact on the development of reading media or Quranic reading learning methods, this can be noticed starting from the

emergence of e-books, learning books (digitization) to the emergence of Qur'an learning applications.(Abdul Majid, 2023)

Islamic Religious Education teachers must be able to utilize technology in learning in order to provide a more dynamic, interesting, and effective Islamic Religious Education experience. By utilizing online resources, learning platforms, and digital evaluation tools, teachers can improve the quality of Islamic religious instruction and prepare students to apply Islamic values in their daily lives.

Currently, the Ministry of Religious Affairs through the Lajnah Pentashihan Mushaf Al-Qur'an has launched the Kemenag Qur'an application. Lajnah Pentashihan Mushaf Al-Qur'an as a government institution has played an active role in serving the community in the field of providing Qur'an mushaf and disseminating valid and valid understanding related to the Qur'an. The application can be freely downloaded on the Google Play Store platform. There are many Islamic features provided in the application, one of which is the Qur'an interpretation feature which is quite complete. With the ease of access to the application, it is easier for people to learn the Qur'an.

Islamic Religious Education teachers must be able to utilize the application in supporting the learning process in the classroom. The application is not the only learning resource, but only as a supplement so that students and teachers have a variety of learning resource choices. So that the learning atmosphere becomes more interesting and students' insights become richer.

The research was conducted to see how the application of the Qur'an of the Ministry of Religion in being utilized in learning Islamic Religious Education in the classroom. The disadvantages and advantages of the application will be explored more deeply so that it becomes material for the improvement of the application and learning of Islamic Religious Education. The contribution of research will provide richer choices for teachers and students in choosing learning resources. With a variety of learning resources, the teacher's creativity will be more developed and the learning atmosphere will be more pleasant.

RESEARCH METHOD

Research uses a qualitative approach that aims to understand and explain social phenomena or human behavior from a deep and complex point of view. This approach focuses more on descriptive interpretation and analysis of data, exploring meaning, and understanding the social context of the phenomenon under study. The subjects of the study were teachers and students in madrasahs who used the Qur'an application of the Ministry of Religion in learning. Data collection techniques include interviews, observations and document studies. Data processing uses triangulation of data verification, coding, data interpretation, and data presentation. Determination of resource persons using *purposive sampling techniques*. With a qualitative approach, the results of the study are not a representation of the implementation of Islamic Religious Education learning in madrasah in West Aceh.

RESULT AND DISCUSSION

A. Quran and Technology

The Qur'an as the main source of guidance for mankind in it not only informs about the basics of Islam, namely related to creed, shari'a, but the Qur'an informs about human life, including technological issues. As we know, that the second revealed Qur'an was about 1400 years ago, at which time the technology we know today was not present at

that time. However, the development of technology is described in the Qur'an, the Qur'an has informed related to the events of the universe, the creation of living things, including humans driven by their curiosity, spurred their minds to investigate everything around them. In the context of the verses of the Qur'an, Allah (swt) gives His guidance by giving examples of what can be observed and for what purpose the observations are made, so that humans always make deep observations to find and try to find the bright spots of what Allah has described, because the universe and the processes that take place in it are often expressed as "verses of Allah". Therefore, examining the events of the cosmos or universe can be understood as "reading the ayatollah."

In the context of information related to technology in the Qur'an, technology for our predecessors (messengers of Allah). This Allah explains in order to be a learning and motivational material in mastering various knowledge. Information related to technology in the Qur'an is described in Sura al-Anbiya verses 80-81:

"And We taught him the fashioning of coats of armor to protect you from your [enemy in] battle. So will you then be grateful? (It was Our power that made) the violent (unruly) wind flow (tamely) for Solomon, to his order, to the land which We had blessed: for We do know all things.

In the context of this verse it is stated that Prophet David (as) was told by Allah Almighty about armor that can be used in situations of war. Information on making battle armor is specifically designed for soldiers in the wars they face, be it in the form of iron hats, bulletproof vests and so on. Of course, the manufacture of perang clothing is made with science that shows embryology related to technology has developed at that time. The same thing happened to Prophet Sulayman (as). God had subdued the wind for him. Until he can visit the surrounding country. From Quranic information related to wind, at this time there have been many technologies born from the use of wind itself, for example to create electric power, drive ships and others. In the context of transportation, the Qur'anic verse has described in surah yasin verses 41-42, Allah says:

"And a sign for them is that we raise their offspring in an ark full of cargo and we create for them whom they will drive like that ark."

Deep In the context of this verse, Allah Almighty has given knowledge to Prophet Noah (as). Related to how to make a boat so that it can be used. Then, in verse 42 Allah SWT also explains information about various transformation tools that can be used by humans. All information related to this technology is an inspiration for humans further in making transformation facilities in the form of boats, boats and so on, where the benefits we can enjoy until now.(Mutia, 2018)

The manifestation of technological developments until now is the birth of the phenomenon of use *Gadget, smart phone*, and the like. Where at first its function was as an information tool, then its function developed as a multifunctional tool, as a tool to obtain internet-based information (web) and also based on various types of applications.

B. The Birth of the Digital Quran Application

From these technological developments, Muslims then made new breakthroughs in order to increase interest in reading the Quran and to facilitate access to the Quran anywhere and anytime by giving birth to a Digitalization-based Quran in the form of an application. Digital Quran is an application that contains the Quran in a gadget, both inside the gadget and on the CD. The development of the digital Qur'an today and akaqn dating is closely related to the development of information and communication technology. In this context, it can be mentioned that computer technology will remain the

foundation of the progress of the digital Qur'an in the future. The development or advancement of computer technology will go hand in hand with each other between hardware and software as the "life" of the hardware. Various models and types of computer hardware and other software. The positive impact of the digital Quran is not difficult to find when needed or in a situation of urgency, just by installing the digital Quran application it can be accessed immediately. Lots of it choice of digital Quran applications featuring the best features and the most complete, so that the millennial generation can choose the right one and exactly to your needs.(Abdussalam, Islamy, & Parhan, 2021)

The form of the digital model of the Qur'an is now available in various versions: some are in the form of images in digital Qur'an applications, some are in forms that can be installed into computer work systems, as well as in plain digital text that can be accessed and then processed with word processing applications. Various kinds of digital text that already exist can be utilized in some limited uses, such as digital applications as a means of reading, and so on. The presence of the Qur'an application as a form of the development of Islam-based applications in order to keep pace with the progress of the times, so that Muslims get convenience from the application, especially for worship and also to learn Islamic teachings.(Olan, Idi, Zainuri, & Sandi, 2019)

Based on the explanation above, as understood that the digital Qur'an is a form of application that contains the text of the verses of the Qur'an as much as 30 juz, along with translations in digital form or applications both online and manually. This application can be easily accessed through modern communication tools today, such as *gadgets*, *smartphones* and so on.

The Ministry of Religious Affairs as an institution that plays an important role in conducting religious and Islamic education plays an important role in the study of digitizing the Qur'an. the presence of the Ministry of Religious Affairs in the study of the Qur'an in this era of growing information technology. Departing from the phenomenon and concern of the Ministry of Religious Affairs about the many applications of the Qur'an circulating with radical ideological content, on the other hand the meaning of the Qur'an which is considered inappropriate is the cause of division as well as the case of QS mistranslation. al-maidah: 51 which had become a problem of peace in Indonesia. Therefore, as a preventive and responsive government effort to the development of the times, one form of innovation is with the digital Quran application, the existence of these applications has various kinds such as those found in Android, IOS, Windows, which can easily be obtained *by downloading* and this is very easy to do by every group of people for free to improve imtaq (faith and piety) and iptaq (science and technology) so that it becomes an advanced society and is also expected to reach the global future.(Purnomo, 2024)

Therefore, as one form of the seriousness of the Ministry of Religious Affairs in order to succeed the Qur'an application program then collaborate with the Qur'an Mushaf administration Iajnah of the R&D and Training agency. From the results of this collaboration then bore fruit with the emergence of the Qur'an application of the Ministry of Religion which is available in various forms of format and is very easily accessible via *smartphone*, web or so on. Not only there, the Qur'an application of the Ministry of Religion is also present *in Microsoft word*, this is certainly very useful for researchers who often type using the application to quote Qur'anic verses in order to write scientific papers and so on. The head of the Qur'an study division of the Ministry of Religious Affairs, Mukhlis M. Hanafi in Jakarta, revealed that in addition to working together with

the Lajnah Pentashihan of the Qur'an mushaf of the Research and Development Agency and Training for making applications, the Ministry of Religious Affairs also involves the Center for Qur'an Studies so that in the Qur'an the Ministry of Religion is equipped with asbab al-nuzul, tahlili tafsir and thematic tafsir from those issued by the Ministry of Religious Affairs of the Republic of Indonesia. (Purnomo, 2021)

From the application that has been compiled by the Ministry of Religious Affairs shows that the government makes it easy for all levels of society to read the Quran and also for Qur'an researchers. The Ministry of Religious Affairs of the Republic of Indonesia realizes that the majority of Indonesian people are Muslims, therefore the education and teaching of the Qur'an must be formed in a good format so that religious misunderstandings do not occur. On the other hand, in terms of application, and the contents offered not only provide easy facilities for Qur'an researchers. This application is practical, simple and easily obtained by the community. There is convenience in the features of digitizing the Qur'an apart from the text of the Qur'an verse itself, there are also audio Qur'an readings, Indonesian translations, as well as the direction of prayer qibla and also reminders of prayer times, making a big jump in users who download this application. (Puspitasari, 2022)

The Qur'an application of the Ministry of Religion is one of the first works made by the Ministry of Religious Affairs. Many parties have contributed in building this application both from the Ministry of Religious Affairs itself, from the Qur'an administration lajnah and several figures in it such as Zarkasyi Afif as chairman, while its members are Ali Akbar, Agus nurul saupuddin, Muhammad Fatichuddin, Muhammad Zamroni Ahbab, and ibn Athoillah. This application can be freely accessed on various gadget systems in the form of Android and IOS. The Android gadget system can be downloaded at *Google Play Store* and for gadget systems that use IOS can be *indonwload* at *App Store*. The application was first present in 2016 then in *Update* in 2019 with version 1.3.4.4. The application of the Qur'an of the Ministry of Religion is in great demand by the wider community. To date, the Quran application is constantly updated. (Althaf Husein Muzakky, 2020)

C. Islamic Education and the Use of Technology

Technology is nothing new in Islamic Education. Although often considered a new innovation, the use of technology in the context of Islamic education has long historical roots. Since the golden age of Islam in the Middle Ages, the Islamic world has been the center of science and technology throughout the world. Various Muslim scientists such as Ibn Sina, Al-Khwarizmi, and Al-Razi have made great contributions in the field of science and technology. They practiced scientific methodology and developed various tools and techniques that later formed the basis of much modern science. (Ashraf, Saeed, & Muhammad Iqbal Awan, 2023)

In the field of education, the madrasah system that emerged in the Islamic world since the Middle Ages is an early example of organizing a formal education system. Madrasah is an educational institution that combines Islamic religious teachings with science and art. In those days, students used scientific books and manuscripts to study various disciplines, including mathematics, astronomy, medicine, and philosophy. (Ashraf et al., 2023)

Furthermore, the Qur'an and Hadith, as the main sources of Islamic teachings, have been known and respected for a long time as centers of religious learning (Ramdane & Souad, 2017). In classical teaching, Islamic religious teachers made use of rote

memorization techniques and oral teaching to spread religious knowledge to later generations. In the 19th and 20th centuries, along with the development of modern industry and science, some Islamic scholars and educators began to integrate new technologies such as printing presses and typewriters in the process of learning Islam. This allowed the more efficient and widespread dissemination of Islamic religious knowledge.

Over the past decade, with the advancement of information and communication technology, Islamic Education has also undergone a major transformation. Islamic religious education applications, online platforms, and multimedia resources have become important tools in supporting the learning process. Some apps even feature tafsir, translation, and Qur'an tajweed guides to facilitate better understanding.

In addition, many Islamic educational institutions now provide online courses that allow students from all over the world to access Islamic religious learning materials without having to be physically present at the classroom location. This opens the door to wider access to Islamic education and allows distance learning.

Technology has also enabled the development of more interactive and engaging teaching methods. Learning videos, animations, and interactive simulations allow students to understand Islamic religious concepts in a more visual and engaging way.

The development of information and communication technology is increasingly massive in the current era of globalization, has provided major changes in various aspects of human life, including in the area of education. The advancement of information technology has provided many benefits in terms of assistance and facilitating activities in the implementation of education. This is also supported by the birth of various technological products that can be used as media and learning resources. The application of technology as a medium and source of learning is the right alternative for the development of the implementation of the learning process. Several published research results have shown that learning using technology is better than traditional or conventional learning. As the results of research conducted by Rusman in 2006 have shown that learning outcomes using computer-based learning tutorial models and drill and practice are much better than conventional learning. Wilfrid Laurier in 1998 also produced research that students who use the web in learning have been found twice as fast learning time as classical students, 80% of students perform well and very well, and 66% of them do not need printed materials.(Suhroh & Zuhri, 2021)

The research above can at least be evidence, the use of technology is very influential on the capture and development of learning that is very effective.

The integration of social media also provides a platform to expand the discussion and study of the Islamic religion. Online discussion forums, study groups, and online learning communities allow students to share views, exchange ideas, and deepen their understanding of Islamic teachings. The use of mobile or mobile devices also makes it easier for students to access Islamic educational resources anytime and anywhere. Islamic religious education applications that can be downloaded on mobile devices allow students to carry the teachings of Islam in their hands.(Hasan, 2021)

Learning management software also allows teachers to manage schedules, assign assignments, and monitor student progress more efficiently. This facilitates the teaching and evaluation process.

The use of technology in Islamic Education also provides an opportunity to develop a more dynamic and relevant curriculum. Teachers can select and adapt educational resources that best suit students' needs. In addition, evaluation and feedback on student

progress can be done more accurately and quickly through the use of evaluation software and data analysis. Teachers can provide more specific feedback to help students improve their understanding of Islamic teachings.(Hasan, Masni, & Agustina, 2023)

Lastly, the use of technology in Islamic Education also prepares students to face the challenges and opportunities of the digital age. They learn to use relevant tools and platforms in the modern world of work, improving their digital skills.

The use of technology is not new in Islamic Education. The long history of using technology in Islamic religious learning reflects adaptation and innovation in teaching methods along with the times. By continuing to harness technological innovations, Islamic education can continue to evolve and prepare future generations to face the challenges of an increasingly complex and connected world.

Teachers of Islamic Religious Education should not be allergic to technological developments because the integration of technology is an important element in increasing the effectiveness of Islamic religious learning. Technology enables wider access to Islamic religious education resources. By using online platforms and educational applications, teachers can present a variety of diverse and up-to-date learning materials, Qur'anic exegesis, hadiths, and Islamic resources.

Technology allows teachers to personalize learning. By utilizing adaptive learning software and artificial intelligence, teachers can adjust teaching materials and methods according to the needs and level of understanding of each student. This helps improve learning efficiency and maximize each student's potential.

The presence of technology does not mean replacing the role of teachers, but by utilizing technology, teachers become stronger in learning students.(Rodiya, Nugroho, & Kardipah, 2022) Information technology is a technology used to process data, including processing, obtaining, compiling, storing, manipulating, data in various ways to produce quality information.(Husna Nashihin, Rani Effendi, & Suji Salmiyatun, 2020) The use of Islamic religious education applications also allows interactive learning. Teachers can use learning videos, animations, and simulations to explain Islamic religious concepts in a more engaging and engaging way. By utilizing multimedia, teachers can enrich students' learning experience.

The use of technology also facilitates communication between teachers and students. Through online learning platforms, teachers can provide faster and more accurate feedback on student assignments. Online forum discussions also allow students to share views and exchange ideas about Islamic teachings.

The use of Islamic religious learning applications also opens the door to distance learning. Students who have difficulty being physically present in class can still access materials and participate in learning activities through online platforms. This allows for access to more inclusive education.

The use of technology in PAI learning is one of the learning media and should not only be seen as a tool, but can be an integrated part in the success of the learning process.(Sulaeman, Darodjat, & Makhrus, 2020) Technology integration also makes it easier to manage administration and evaluation. Teachers can use learning management software to efficiently manage schedules, assign assignments, and monitor student progress. Automated evaluation systems also allow teachers to provide more accurate and in-depth feedback on student performance.

The use of technology also opens access to the global community. Teachers and students can connect with Islamic religious experts and thinkers from different parts of

the world through online forums and discussion groups. This broadens students' horizons and perspectives on Islam.

Not only that, technology allows the development of more dynamic and relevant curricula. Teachers can integrate a variety of educational resources, such as videos, presentations, and educational games, to make the learning experience more engaging and varied. The use of Islamic religious education applications also allows teachers to monitor student progress more effectively. They can use evaluation software and data analysis to gain deep insights into student performance and identify areas that require additional attention.

In addition, teachers should also utilize social media and online communication platforms to facilitate discussion and interaction between students. By setting up discussion groups or online forums, teachers can expand the space for dialogue on Islamic religious topics, allowing students to share their opinions and understandings with each other.

Teachers should reduce indoctrination in learning by involving more information technology. (Rahmawati, 2018) The use of technology in Islamic religious education also helps prepare students for an increasingly connected and technology-dependent world. They learn to use relevant tools and platforms in the modern world of work, improving their digital skills.

Many tangible contributions are made by technology to education, especially learning in schools. (Harun & Fauzan, 2019) Technological development is a necessity that cannot be opposed. (Hasan, 2021) Teachers of Islamic Religious Education should not be allergic to technological developments because the integration of technology allows Islamic religious learning to be more interactive, personalized, and efficient. By utilizing technological innovations, teachers can improve the quality of Islamic religious instruction and prepare students to apply Islamic values in their daily lives. Thus, technology is a very important tool in supporting Islamic religious education that is more dynamic and relevant to the times.

In the context of technology density in Islamic Education learning can be broadly grouped into three functions, namely:

1. Self-learning media. The types of self-learning include film playback and interactive CDs. Oemutaran Film can be used by teachers by choosing the type of film that exists such as films that are given (given) meaning a package of film titles that are available and relevant to Islamic Religious Education learning. In addition, the use of interactive CDs can be used by teachers as students interact or treat the programs offered or the treatment offered on the CD. For example, an interactive CD of questions and answers about Islamic education is formatted in the form of a game as in "Who wants to be Millionaire". In this context, Islamic education teachers or schools must have a collection of interactive films or CDs related to Islamic Religious Education materials which are then adjusted to the curriculum applied.
2. Learning aids. Information technology used for learning aids ie. The use of computer software for learning Islamic Religious Education. As for the various forms of educational software available and that are often used, namely, *Computer Assisted Instruction (CAI)*, in general this software is very good for remedial purposes; *Intelligents Computer Assistant Learning (ICAL)*, can be used for materials or concepts; *Computer Assisted Learning Training (CAT)*, *Computer Assistant Design (CAD)*, and *Computer Assisted Media (CAM)*

3. Learning resources. Information Technology is related as a source of learning (Learning resources) in the form of the internet with all its components. The material that appears on a web related to Islamic Religious Education can be tracked in advance by teachers and practiced directly by students. The purpose of tracking by teachers so that the material or information is relevant to the objectives of the Islamic Religious Education curriculum.(Azmi & Halim, 2011)

Meanwhile, according to Kamarul Azmi. There are several reasons for the importance of using technology in achieving PAI learning objectives, namely:

1. Helps motivate students to learn more enjoyably
2. Ensuring students are expected to play an active role in their learning, this is because students can learn according to their own ability level and can repeat the material they want to learn several times until they can really understand it.
3. Enable students to obtain information more easily
4. Provide discovery learning opportunities and make students more independent.
5. Students learn more spontaneously, more naturally and impress based on the model they like.
6. The incorporation of various forms of technological media can lead to the development of the experience of students by studying through their own learning and not just waiting to obtain information passively.(Suhroh & Zuhri, 2021)

In addition, Tajul Ariffin believes that the use of technology such as computers will affect the development of Islamic education in five stages, including:

1. Expanding the scope of the paradigm of Islamic education, both in Islamic and non-Islamic countries.
2. Realizing the integration of Islamic education with modern education and also with other fields, such as science, social, economic and other professional fields.
3. Utilization and exploitation of all forms of technology that exist positively to make Islamic education as the basis for the study of education or other sciences.
4. The realization of a series of Islamic education worldwide. The realization of ease of use of technology can form the same paradigm and curriculum of Islamic education for Islamic countries
5. Realizing and fostering the concept of monotheism and science. That is, with technology we can explain that science is actually unitary. It was enacted to build Islamic civilization.(Suhroh & Zuhri, 2021)

D. Utilization of the Qur'an Application of the Ministry of Religion in Learning Islamic Education in West Aceh Madrasah

The ability of PAI teachers in mastering and controlling educational technology needs to be optimized with the learning they are teaching.(Abdul Mun'im Amaly, Muhammad, Erihadiana, & Zaqiah, 2021) PAI teachers must have adequate competence and follow technological developments for the progress of students. (Hasyim, Warsah, & Istan, 2022) There are many types of information technology that teachers can utilize such as Youtube, Facebook, Instagram and help applications provided on the Google Play Store platform.(Hasan & Anam, 2022)

The development of information technology from time to time gives birth to an innovation and change in teachers. Generally, teachers who have an Islamic education background use the application as a learning tool. In addition, it also has a significant influence in increasing understanding of PAI learning can also reduce the use of gadgets. The birth of this application also had an impact in the form of difficulties in learning PAI,

especially during Qur'an lessons to understand the content of surah content and reading laws as well as how to pronounce hujaiah letters in the Qur'an.(Andini, Hanifah Salsabila, Triyana, Fitri Arum Sari, & Rauv, 2021)

So, ideally teachers follow technological developments, especially information technology that is relevant to learning. Teachers should not just wait for direction from the leadership or supervisor of the madrasah, but should move actively to find the latest information technology that might be utilized. One of the latest at this time is the Qur'an application of the Ministry of Religion of the Republic of Indonesia.

The use of learning applications such as the Qur'an of the Ministry of Religion in learning Islamic Religious Education has a significant positive impact on students. With this technology, students can access various Islamic religious education resources more easily and practically. First, the app gives you direct access to the holy text of the Qur'an in different languages and translations. Students can read and understand verses of the Qur'an more deeply, as well as learn tafsir from competent scholars. This allows them to deepen their understanding of the teachings of Islam and gain wisdom from each verse.

In addition, the Qur'an of the Ministry of Religion also provides a search feature that allows students to search for certain verses or themes, making it easier for them to search for specific Islamic religious topics. This is very helpful in deepening students' knowledge of Islamic religious concepts that may require a deeper understanding.

The audio feature on this app is also very valuable, especially for students who are interested in memorizing the Qur'an. They can listen to correct readings and correct their tajweed more effectively. It also facilitates the process of memorization of holy verses for those who wish to delve deep into the memorization of the Qur'an.

The app also comes with practice features and interactive exams. Students can test their understanding of Islamic religious materials and measure their learning progress. In addition, there are also quizzes that can help them deepen their knowledge in a fun and interesting way.

In the Qur'an of the Ministry of Religion, there are various additional educational content such as Islamic articles, religious studies, and religious lectures. This gives students access to a wide range of diverse Islamic religious education resources, broadening their horizons on Islamic teachings.

The app also allows interaction between teachers and students through discussion forum or Q&A features. Teachers can provide guidance and answer students' questions online, expanding the space for discussion about Islamic teachings. This allows students to gain a better understanding through interactive dialogue.

Then, the ever-evolving technology also allows the Qur'an of the Ministry of Religion to be accessed on various devices, including smartphones and tablets. It allows students to study the religion of Islam anywhere and anytime according to their schedule. This is very important in facilitating independent learning and allowing students to learn flexibly.

With the existence of the Qur'an Kemenag, teachers can also use this application as a tool in teaching. They can recommend specific materials to students or assign assignments related to this app. This can increase student involvement in Islamic religious learning.

The use of the Qur'an application of the Ministry of Religion also provides students with a more interactive and fun learning experience. With various multimedia features, such as audio, video, and animation, students can learn in a more engaging and motivating way.

Not only that, the Qur'an of the Ministry of Religion also provides the latest information about various religious activities and events held by the Ministry of Religious Affairs of the Republic of Indonesia. This allows students to keep abreast of Islamic developments and activities that can enrich their understanding.

In the context of globalization and interconnection of today's world, applications such as the Qur'an also help maintain students' religious identity amid such a rapid flow of information. They can deepen their knowledge and understanding of Islamic teachings, making religious values the moral foundation in daily life.

The use of the MORA Qur'an also reflects the government's efforts to utilize technology in advancing Islamic religious education. This is a progressive step in enriching teaching methods and ensuring that the teachings of Islam remain relevant and beneficial to the younger generation.

The use of the Qur'an in Islamic Religious Education learning provides significant benefits in deepening students' knowledge and understanding of Islamic teachings. With various features and resources provided, the app helps students learn more effectively and enjoyably. In the era of information technology like now, the use of this kind of learning application is a smart solution in maximizing Islamic religious learning.

Some of the features contained in the Qur'an application of the Ministry of Religion

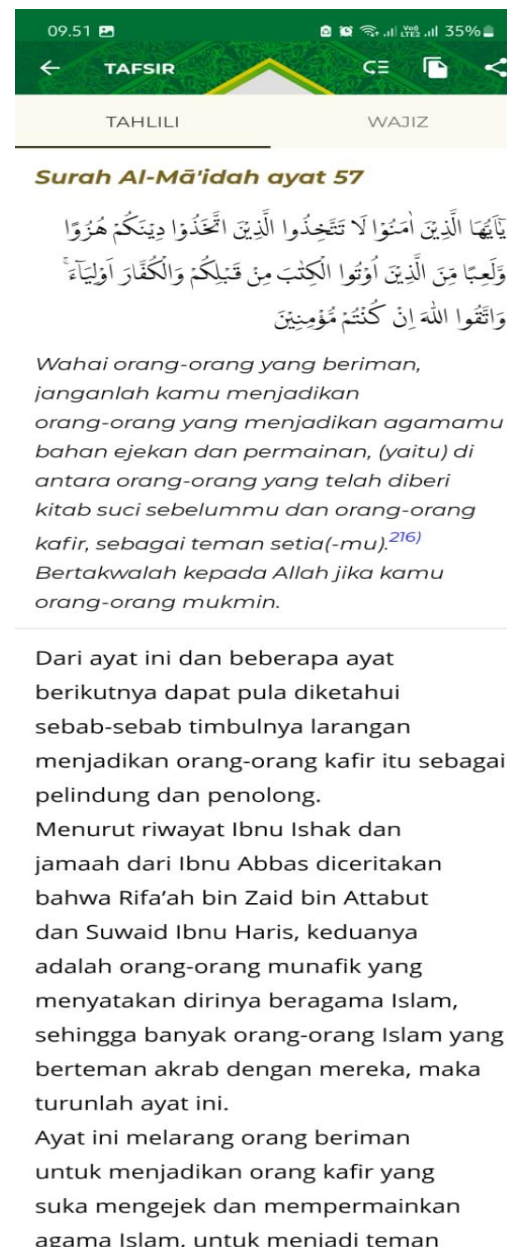
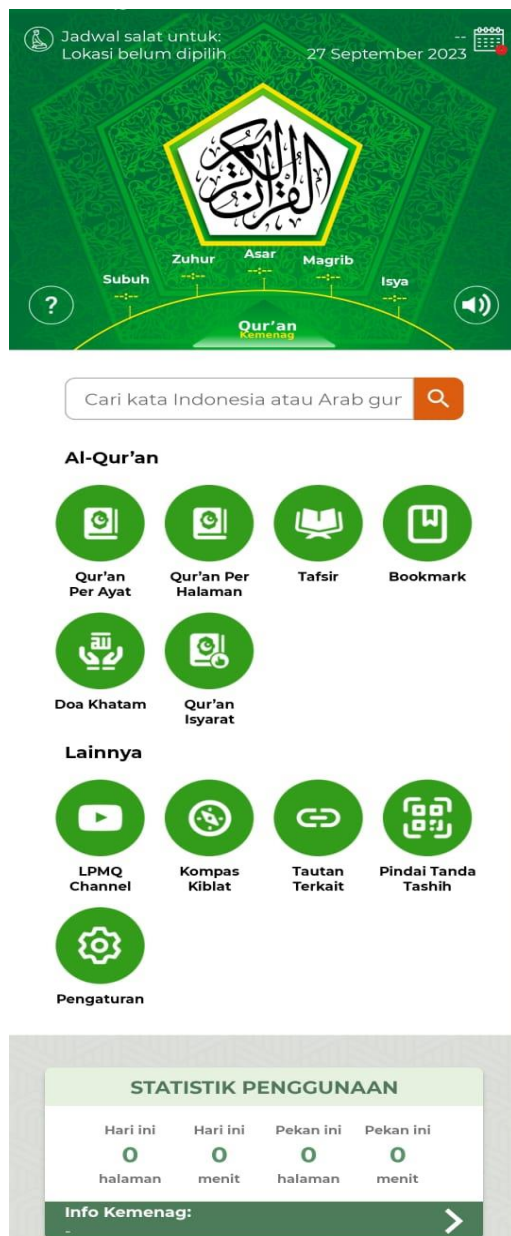


Figure 1 Front View and Tafsir Features of the Qur'an Application of the Ministry of Religion

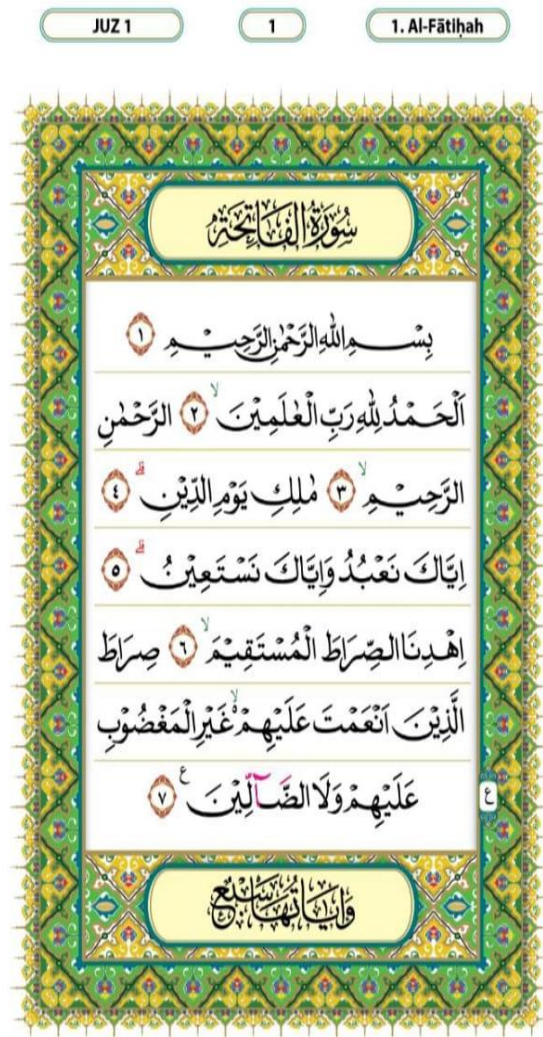
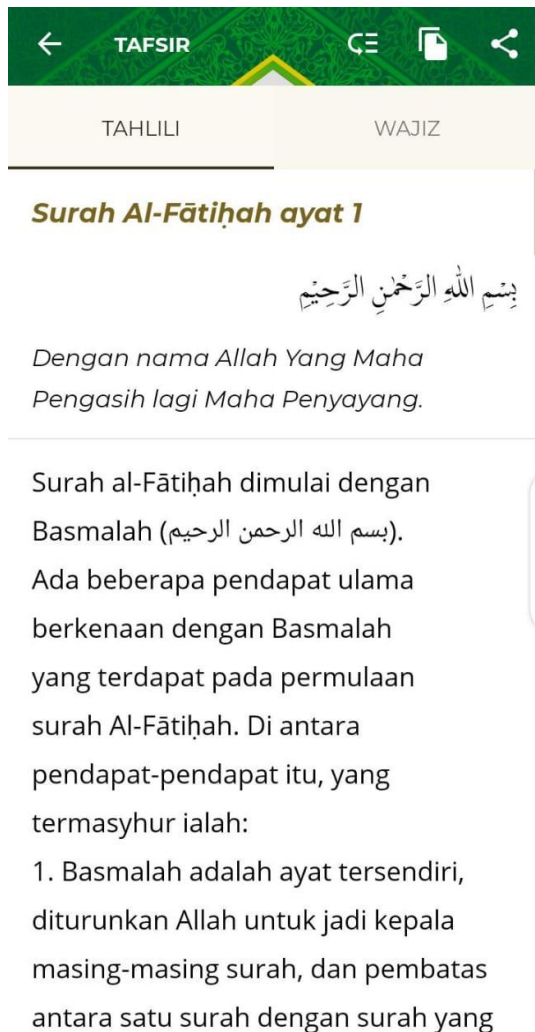


Figure 2 Feature View

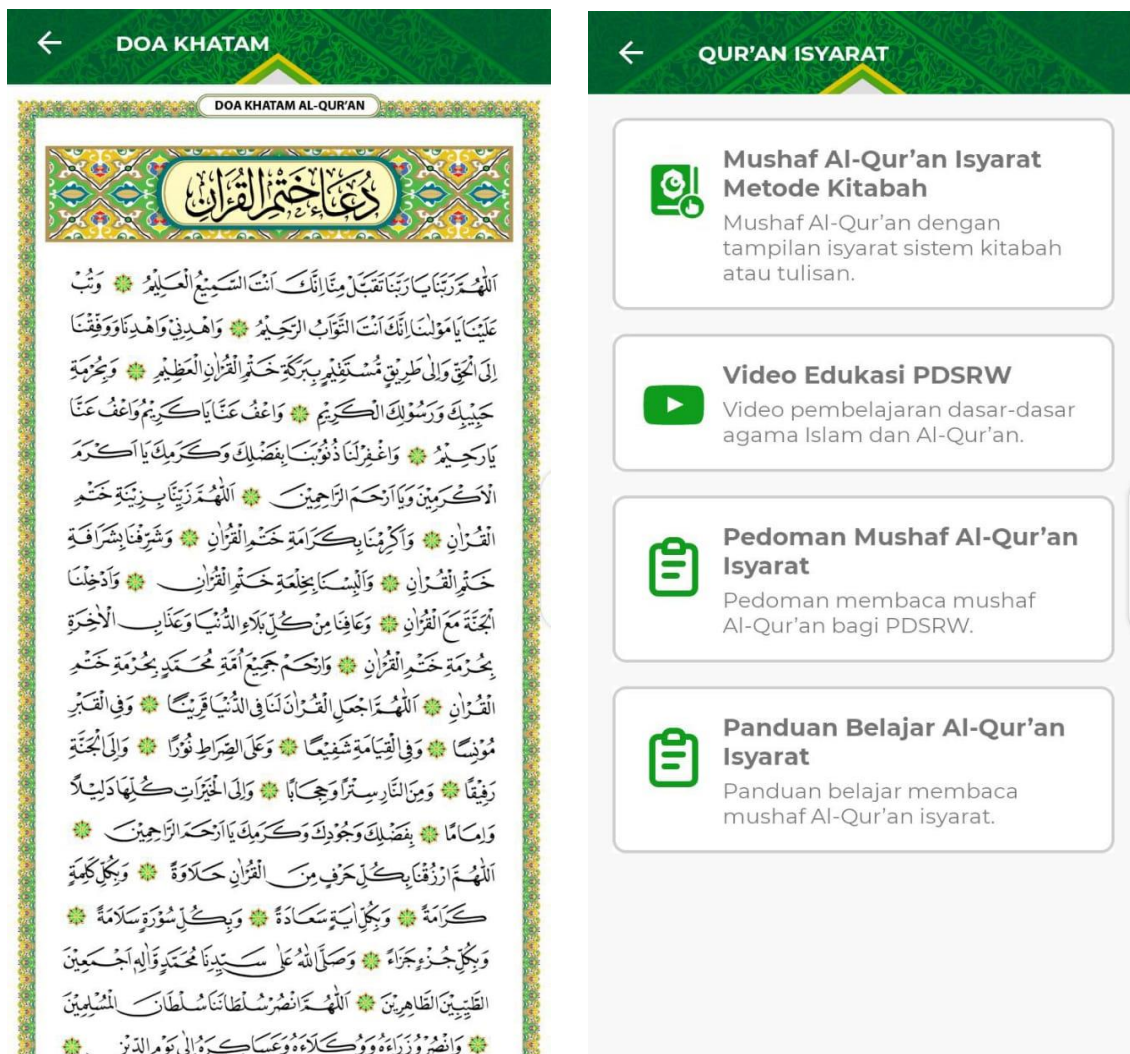


Figure 3 Feature View

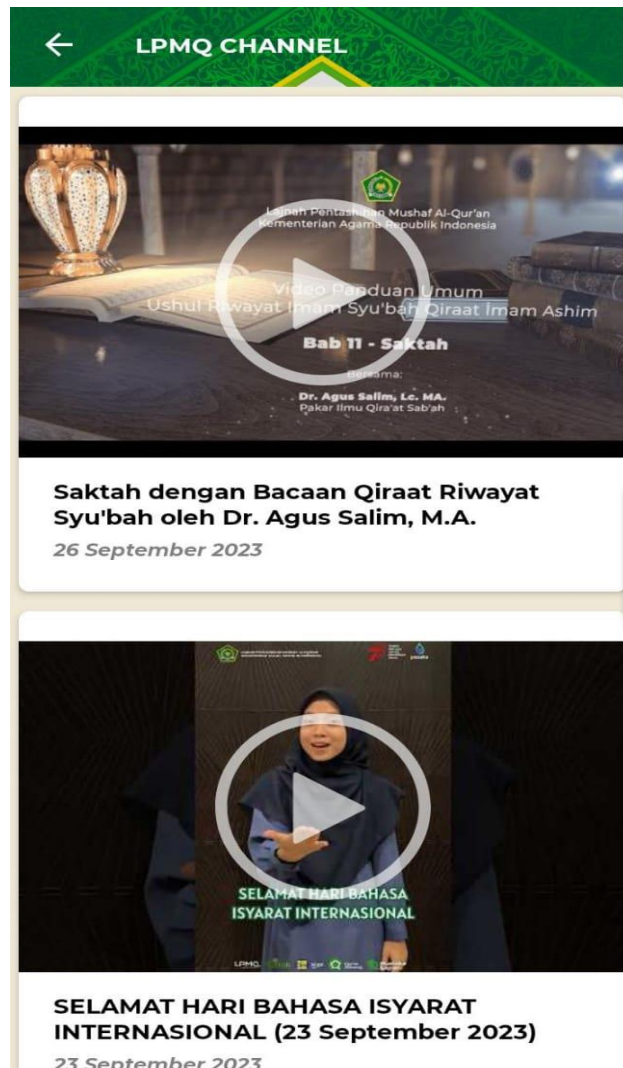


Figure 4: Feature View

Although learning applications such as the Qur'an of the Ministry of Religion have many advantages, there are also some disadvantages that need to be considered. Not all students have access to adequate devices and internet connections. In remote areas or in environments with limited access to technology, the use of these applications may not always be possible or effective. Then, there is the potential to experience technical glitches or problems in using the application. Unstable networks or problems with devices can hinder a student's learning experience. This can lead to frustration and disrupt learning continuity.

Furthermore, there is a possibility of lack of social interaction in learning. In the use of learning applications, students may tend to work independently and interact less with classmates or teachers directly. This can affect the development of students' social skills and communication skills.

It is important to remember that technology is a tool, not a substitute for the physical presence of teachers. Some aspects of Islamic religious learning, such as in-depth discussions, role plays, or hands-on experiences, are difficult to replicate through learning

apps. Therefore, an integrated approach that includes both online and face-to-face learning remains important.

Then, sometimes there is the risk of addiction or dependence on technology. If students are too focused on using apps, they may overlook other aspects of Islamic religious education, such as the experience at the mosque or direct interaction with the religious community. Not all topics or aspects of Islamic religious education can be fully studied through the app. Some materials may require direct interaction, observation, or practical experience that is difficult to replicate through technology. Language barriers can also be an important factor. If the application is only available in one or a few specific languages, then students who do not master that language may have difficulty in understanding the material.

The use of learning apps also requires regular updates and maintenance. If no updates or bug fixes are made, then the app could be experiencing functional or security issues. In some cases, there is the potential for a lack of oversight or close supervision of students' use of apps. This may lead to improper use or misuse of such applications.

Not all learning apps have content that is always up-to-date or accurate. Therefore, it is necessary to pay attention to the legitimacy and reliability of the resources provided by the application. It is important to remember that learning apps like the Qur'an are educational aids and not a substitute for formal education. Students still need to get direction and guidance from teachers to ensure that they understand and apply the teachings of Islam correctly.

Students may have difficulty motivating themselves to learn independently through apps. Lack of structure and supervision may make some students less motivated to take initiative in learning.

The shortcomings of an application must be covered with the role of the teacher. Because the use of technology cannot be separated from the role of humans who understand abstract concepts, while technology only manages concrete information.(Hasan et al., 2023) It is important to ensure that the use of learning applications such as the Qur'an of the Ministry of Religion is in line with the values and principles of the Islamic religion. The content and materials provided by the application must be in accordance with the true teachings of Islam and do not contain controversial or inappropriate interpretations or interpretations. In some cases, the availability of Islamic religious education resources online may reduce the urge to seek physical resources such as books or cassette tapes. This can affect students' skills in using physical resources that may be more available around them.

Although learning applications such as the Qur'an of the Ministry of Religion have many advantages, there are also some disadvantages that need to be considered. It is important to understand and manage these shortcomings wisely so that the use of technology in Islamic religious education remains effective and in accordance with the true purpose of education.

In addition, as research conducted by Sulthan Nazmi Chairul Islam, et al. Stating that the use of the Qur'an Application in general although it has a positive impact on students, where the use of the Qur'an Application has an easy impact to be accessed anytime and anywhere, on the other hand there are also students who prefer the conventional Quran over the Qur'an in the form of an Application. This is because of the level of appreciation, the practice of the Quran is more pronounced than the Qur'an in digital form.(Sultan Nazmi Chairul Islam & Helmi Nurapriliansyah, 2022)

The use of the Qur'an Application by students at the madrasah level in West Aceh district tends to be very much, this is because easy access to its use, on the other hand, to understand the context of Qur'anic verses and various things related to the Qur'an is easier to obtain and easier to understand. Although among them there are also still many using the conventional Qur'an (Qur'an mushaf), because the passion gained is more pronounced than the Qur'an Application.

CONCLUSION

The era of digitalization that continues to grow today has an impact on various lines of life, including the world of Islamic religious education which makes the Quran the main source in the learning process. The digital Quran launched by the Ministry of Religious Affairs of the Republic of Indonesia has a significant impact, this is evidenced by the number of people who access the application on their smartphones, most of them feel an extraordinary source of benefit, because they can access the Quran easily anywhere and anytime, so what is felt by students in Madrasah in West Aceh district is greatly helped by the existence of this application. Plus the features contained in this application make it easier for them to be able to understand the Quran and its affairs, such as translation, tafsir, not only that the application also has a prayer time feature, Qibla direction which is very helpful for students and teachers in these madrassas to perform prayers. However, in addition to the advantages offered in the Qur'an application developed by the Ministry of Religious Affairs and several related institutions that helped realize the application, there are also students who prefer the Qur'an in the form of a mushaf, because it is felt that the Qur'an in the form of a mushaf provides more understanding than the Qur'an application

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