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Digital Tools Revolutionizing Tahfiz Al-Quran Learning Processes



Abstract: - The rapid growth of Tahfiz Al-Quran education in Malaysia has prompted the integration of modern technology to enhance learning outcomes. This study investigates the effectiveness of various modern applications designed to aid Tahfiz Al-Quran students in higher education. The transition to online learning during the COVID-19 pandemic highlighted the need for digital tools that support self-study and interactive learning methods. This research identifies key applications available on Android and iOS platforms, such as Cinta Quran Memorization Hafiz, Al Quran (Tafsir by Word), Tarteel, and Quran Companion, which offer features like accurate Tajwid rules, multiple translations, and interactive memorization aids. These applications enhance the memorization process by providing users with tools for tracking progress, engaging with diverse recitations, and receiving instant feedback. The findings suggest that the adoption of such technologies can significantly improve students' memorization efficiency and engagement, thus fostering a more effective and enjoyable learning environment. The study concludes that modern applications have the potential to revolutionize Tahfiz Al-Quran education by making it more accessible, interactive, and tailored to individual learning needs.

Keywords: Information and Communications Technology (ICT), Modern Applications, Tahfiz Al-Quran, Technology

I. INTRODUCTION

Technology is becoming more widely used in daily life causing more people to realize the importance of technology and all information can be accessed just by using the fingertips [1]. The development of technology is also growing in the field of Education where the formation of educational application that able to help students, especially students at the higher education level. The covid-19 pandemic that happened before caused all learning to be carried out online [2];[3] at every level of study even though it was quite difficult at the beginning, now the teacher's skills in computing and technology are getting better [4]. Thus, traditionally teaching and learning can be now possibly done electronically through educational application [5].

The improvement of students to the level of higher education requires students to do self-study either to get prepared for the class by pre-studying or after class by re-reviewing. This self-study requires students to obtain reliable learning resources other than using textbooks that less interactive and less flexible [6]. Therefore, the using of educational application can help on specific focus to be studied in more comprehensive ways [6];[7] and have positive potential in improving academic performance among students [8];[9]. This indicate that educational application offers more interactive and engaging [10] method to support teaching and learning process that brings good impact [7].

A. Technology in Learning Tahfiz Al-Quran

Tahfiz education in Malaysia is growing rapidly due to high demand from parents and looking at the high number of admissions to *tahfiz* institutions whether under the government or private institutions [11];[12];[22];[23]. The excellence of *tahfiz* education requires effective learning methods and processes [10] such as through technological approaches [13],[25];[21]. Teachers and students need to accept the modern technology as an alternative method [13] by using Information and Communications Technology (ICT) in teaching and learning at *tahfiz* schools [9] because it is flexible and easy to access anywhere and anytime [14]. ICT will make the teachers more creative and innovative in using various interesting applications [2];[4];[14]. In addition, it will

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help students to always communicate with their teachers for asking guide [2] and improve their level of memorization because their active involvement is no longer just as an observer [4];[14];[15].

The development of hardware and software in the form of digitalization helps to increase the quality of teaching and learning process [16] as well as more ease, fast and interesting [17] compared to traditional methods [4];[18]. However, it cannot be denied that the use of technology in *tahfiz* learning also needs guidance from the teacher to produce a perfect learning process [13]. In addition, the rapid use of technology in Education requires teachers to be responsible for guiding the generation of Al-Quran in using technology as an accurate and correct reference according to Islamic compliance.

II. PROBLEM STATEMENT

Past research findings show that the achievement of Al-Qur'an memorization is not as satisfactory as academic achievement because there are still many students who were not able to complete the memorization of 30 *juzuk* Al-Qur'an [11];[19]. Memorizing the Quran is often considered a difficult study to learn because it requires a strong memory, extra time, good environment, and expert teachers. The problem factor that is often debated is the need for improvement from the aspect of teaching methods [14];[18].

Thus, *tahfiz* teachers need to be skilful and creative in their Quran teaching methods [11];[18] to motivate students such as through technological approaches [14];[15]. However, *tahfiz* teachers are still using the traditional methods in their teaching process [11];[16];[17], such as listening to the student's memorization by reciting the Qur'an in the class [4];[9] or manually writing the Al-Quran memorizing verses using paper or books [9], resulting in boredom and lack of student concentration in class [4];[14]. The readiness among *tahfiz* teachers are high [14] but the level usage of ICT is still relatively moderate despite the high perception and ability to use technology in teaching [4];[16].

III. OBJECTIVE

To identify the suitable modern applications for teaching and learning *Tahfiz* Al-Quran among students in higher education level.

IV. METHOD

The development of technology is growing rapidly in the field of Education where the formation of educational application that able to help students, especially students at the higher education level. Various software and applications in smartphones have been developed since the technology has developed rapidly over the years. In this study, researcher has focuses on the modern applications of *Tahfiz* Al-Quran learning that can be downloaded and widely used on android and IOS. The researcher has identified the mobile applications that related to *Tahfiz* Al-Quran and explain features provided in each application.

V. DISCUSSION AND FINDINGS

The development of interactive modern applications in the process of memorizing and reciting the Quran are able to ease and fast the teaching and learning process compared to traditional [4];[17];[24] as well as encourage students to keep memorize the Quran accordingly [13];[20]. Along with the development of technology, the use of smartphones that easy to be carried anywhere with the convenience of internet access helps every user to acquire information and knowledge easily [17];[18]. Various software and applications in smartphones have been developed since the technology has developed rapidly over the years [17]. Among the applications that can be downloaded and widely used on android and IOS related to *Tahfiz* Al-Quran are:

A. *Cinta Quran Memorization Hafiz* [26]



Fig. 1

The interesting *Cinta Quran Memorization Hafiz* was released by Hedi Herdiana on February 19, 2021. It had a major upgrade on October 10, 2023. This beautifully designed software is accessible to users who understand

English and Indonesian and is a virtual sanctuary for memorization of the 30 *juzuk* Al-Quran. It has accurate Tajwid rules and tasteful translations. With over ten mesmerizing recitations by well-known *Qari* from all over the world including Sheikh Mishari Rashid Alafasy, Sheikh Abdul Basit, Sheikh Abdurrahman As-Sudais, and many more.

Various sections offered: reading the Quran, tracking the most recent reading, word-by-word interpretation of the Quran, Mushaf Uthmani, section for reviewing memorization, memorization reports, surah and verse search, memory-boosting games, and prayers found in the Quran. A percentage-based achievement evaluation for the *huffaz* memorization level is also offered by this application, for both individual surah and complete Al-Quran. *Huffaz* can conveniently assess their memorizing progress anywhere and any moment. A game feature also has been included to help with the memorization revision.

In the area where the surah's name is displayed, it is presented in a variety of eye-catching hues and embellished with a hint of flowery design and the selection of *Qari* audio recitations can be found at the bottom of this application. In addition, before learning any surah, *Huffaz* might listen to the accurate recitation and beautiful intonations employed by those skilled *Qari*.

B. Al Quran (Tafsir by word) [27]



Fig. 2

The Greentech Apps Foundation offers the Tafsir & Word-by-Word Al-Quran application. August 26, 2016 marked its launch, and on August 27, 2023, it underwent an update. The English language version of this application is available. A few features of the Al-Quran application including multiple translations and Tafsirs in different languages, word-by-word analysis and translations, Tafsir Ibn Kathir, color-coded Tajweed, a list of Quranic topics, bookmarking and synchronized notetaking, a powerful search engine, and more.

One of the many benefits of this application is that it can comprehend the Quranic commentary in more than sixty different languages. For instance, in Bangla, Chinese, English, French, Hindi, Jerman, Indonesian, Italian, Malay, Russian, Spanish, Urdu, and numerous other languages. Moreover, eight Arabic Tafsirs, such as Tafsir Ibn Kathir, Tafsir Tabari, and others, can be studied. These are supplemented by Arabic E3rab, word definitions, and Asabun Nuzool.

Furthermore, this application can also investigate verb forms, examine, and evaluate root/lemma information, and delve into the nuances of grammar, enabling a deeper comprehension. This is a helpful function for people who want to learn and understand Arabic. The Bookmarks & Notes feature, which makes it simpler to record crucial information, enhances the user experience of the application. The automated Last Reads feature, also effortlessly resumes reading where you left off and also take thorough notes in the Tafsir view for every verse. The app also goes above and beyond by offering Library Sync & Import/Export capabilities, guaranteeing seamless device synchronization, and simplifying sharing with others.

Additionally, users can enjoy a full auditory experience with Quran Audio apps, which provide access to recitations by over 30 esteemed reciters that can be downloaded for offline use. Renowned individuals such as Sheikh Mishary Al Afasy, Sheikh Husary (Muallim), Shaykh Ayman Suwaid, and Sheikh Abdur Rahman As-Sudais are among the reciters that are accessible. With features like group playback and verse repetition, these application's powerful audio system makes them ideal for anyone practicing Quran memorization (Hifz). Users can select their favorite recitation style from a variety of categories of reciters, including Murattal, Mujawwad, and WBW. This application also offers Arabic audio commentary and English Quran audio translations.

Anyone who wants to plan and arrange their Quranic readings can benefit from using the Quran Planner. Users can establish completion objectives and organize their Quranic recitations with ease. The Quran Planner is a useful tool for tracking progress and adhering to a reading schedule, regardless of the duration of the goal—finishing the Quran in a month or a year. This tool helps people stay focused and dedicated to their goals, which is especially helpful for those who are involved in regular Quranic recitations, memorization, or spiritual aspirations that require finishing the Quran.

For individuals who are used to reading traditional hard copies, the Mushaf mode is a unique feature that mimics the feeling of reciting the Quran from a physical Mushaf. Users can choose from a variety of Mushaf

styles in this mode, such as Madani, Naskh Indopak, Qaloon, Shemerly, and Warsh, depending on their recitation tradition or personal preference. Furthermore, users can alter text size and appearance in Unicode Mushaf in Mushaf mode to suit their reading preferences and specific needs thanks to the adjustable font feature. To put it simply, Mushaf mode acts as a link between the traditional and digital Quranic reading experiences by providing script choices and font customization to enhance the personalization and flexibility of Quranic recitation.

C. *Tarteel* [28]



Fig. 3

Tarteel's primary goal is to improve Muslims' relationship with the Quran. Tarteel's central focus since its inception has been to provide the necessary resources to empower the Muslim community in improving their connection with Allah SWT's words. With extensive experience in the technology industry, they have combined Artificial Intelligence (AI) technology with the Quran to create a platform that takes a novel approach to four key areas of focus: reading, comprehension, memorization, and recitation.

Mohamed Moussa founded Iqra in December 2015. Iqra was created as the first voice search tool for the Quran in history. It allows users to recite any verse, and it will display the verse that corresponds with what they have said.

The history of Tarteel then started in September 2018 when the company was established following its involvement in the Muslim Hacks event. The team developed the initial iteration of Tarteel—which enabled users to contribute to a public database of Quran recitations—during a hackathon in San Francisco. Tarteel made learning easier in March 2019 by introducing speech-to-text technology for tracking Quranic recitations. The Tarteel team then emphasized in January 2021 that they were totally dedicated to enhancing the user experience in Quranic education and memorization by improving voice-based Quran recitation tools.

When reciting the Quran, Tarteel's "Memorization Mistake Detection" feature assists users by alerting them to errors like missing or incorrectly used words. Tarteel records these mistakes for upcoming editing. Tajweed and pronunciation correction aren't included yet, but the team plans to add these features later.

The "Advanced Memorization Mode," users can recite while hiding the script. Tarteel helps users assess their progress in memory by highlighting the verses and reciting them aloud. The purpose of this feature is to improve verse memorizing abilities. Additionally, this program offers "audio playback" to help users assess their recitation and pinpoint places where their Quranic recitation needs to be improved. For both novice and seasoned reciters, it's an invaluable tool for self-evaluation and customized learning.

Furthermore, Tarteel's immediate feedback is extremely helpful in correcting mistakes made by students while reciting the Quran, which helps them get better. This function is crucial for accurate memorizing of the Quran since it allows users to quickly correct pronunciation errors. It gives people more confidence as they progress toward being proficient Quranic recitation speakers, which improves the caliber and accuracy of their memorizing efforts.

In addition, this application gives students the flexibility to tailor their Quranic memorization experience to their own tastes and learning speed. Users of Tarteel possess the adaptability to establish their own learning style and rhythm.

Finally, Tarteel has served over 4 million Muslims and made great strides toward providing real-time Quran Mistake Detection along with other cutting-edge improvements. Tarteel aims to provide a superior collection of tools that radically alters people's relationship with the Quran.

D. *Quran Companion-Memorize Quran* [29]



Fig. 4

Quran Hafiz and entrepreneur Bilal Memon founded Quran Academy in May 2014. One of the largest startup accelerators in the world, Start-Up Chile, awarded them a grant. To raise money, they also ran a profitable IndieGogo campaign. Their first iPad Quran memorization app was released in January 2015.

Later, they enrolled in Kuala Lumpur, Malaysia, at MaGIC's Accelerator Program. They turned their attention to creating an iPhone and Android app for memorizing the Quran to assist regular Muslims. Due to their accomplishments, Bilal Memon was awarded the first place in the "Prince Abdulaziz bin Abdullah International Prize for Entrepreneurship" in November 2015 in Saudi Arabia. Additionally, in 2015, Quran Academy participated in the World Islamic Economic Forum Startup Idealab in Kuala Lumpur.

After a year of diligent work, they released the "Quran Companion app" in May 2016. Since then, Quran Academy has expanded and is now able to provide Muslims with more resources, courses, and specialized training while utilizing human connections and technology to bring Muslims closer to the Quran.

Bilal, a Hafiz as well, founded Quran Academy to unite his love of Allah SWT and the Quran with his technological expertise and enthusiasm. He was unaware at the time that the seeds for Quran Academy had been sown as early as 1999.

Quran Companion provides a clever method for memorizing the verses, improving its efficiency, practicality, enjoyment, and social aspect. It's the perfect option for the typical time-constrained Muslim looking for an easier way to memorize the Quran as part of their everyday routine. It will help them accomplish their memorization objectives more quickly and easily.

Quran Companion has a few unique features.

1. **Uthmani/Madina or Urdu Script:** To make memorizing easier, pick the Quranic script you are most comfortable with.
2. **Ayah Display or Page Display:** Select between a lovely page display or an ayah display with translation.
3. **10 Translations and 15 Reciters:** Customize a learning experience by selecting your favorite reciter and translation.
4. **Analytics Dashboard:** Track your progress and recognize your daily victories.
5. **Guided Lesson Plans:** To achieve the objective, divide a surah into digestible daily lesson plans.
6. **Bookmark:** To effortlessly pick up where you left off, bookmark the previous ayah read.
7. **Swipe to show:** Slide your finger to show the ayah in sections for better memorizing.
8. **Audio Looping:** To learn by hearing, play an ayah or a selection of ayah on loop.
9. **Personal Challenges:** Interesting challenges that will keep you motivated and on track with your goals.
10. **Group Challenges:** Memorize with family and friends or participate in a public challenge.
11. **Earn 10 Hasanah Points** for each letter remembered (based on a sahih hadith).

E. Quran Memorization Test [30]



Fig. 5

This application was first made available on March 4, 2019, and was updated on June 26, 2023 by Darse Mansoor Org. Muslims who want to review their knowledge of the Quran can utilize the user-friendly Quran memorization test app. It functions as a convenient offline Quranic surah memory test and quiz tool, complete with cutting-edge capabilities to help detect and correct recitation mistakes. With the help of this app, you can test your memorization of the Quranic surah with a multiple-choice questionnaire and the ability to record your recitation.

Text Quiz: This software offers a number of tools to enhance the educational process. Its Text Quiz feature, which lets users take tests based on Surahs, Paras, and Quranic pages, is one of its most noteworthy features. This tool allows users to tailor their focus to Surahs, Paras, or Quranic pages, and it is intended to evaluate their systematic and thorough grasp of the Quranic language.

Exam Mode: By enabling users to take exams arranged according to Surahs, Paragraphs, and Quranic page ranges, the application's Exam Mode function enhances the educational process. Users can test their knowledge and understanding of the Quranic text on a regular basis by answering multiple-choice questions in this mode.

Memorized Progress: This application has a helpful feature called Memorization Progress that helps users keep track of their progress in memorizing the Quran. Users can monitor which Surahs they have successfully

learned by using this function. It acts as a visual record of their progress, letting them see how many Surahs they have committed to memory. This encourages and gives them a sense of success as they continue their Quranic memorization journey.

Similar Ayat: Users can find and contrast comparable verses in the Quran by using the "Similar Ayat" tool. This feature highlights "similar Ayat" with a unique red marker for users to use. This facilitates a deeper comprehension of the Quran's content and makes studying it easier. "Similar Ayat" is a helpful tool, regardless of whether you're a student or just interested in learning more about the Quran. It is a useful tool for learning more about the Quran.

Finally, the Quran memorization test application has been painstakingly created by committed and sincere Muslims. It is also available offline. To guarantee that errors and mistakes are avoided, it has gone through extensive testing and verification procedures. When they go back over their memorization of the Quran, many people who are memorizing it make mistakes. People frequently mark the lines in the Quran when they make mistakes in order to recognize these flaws. These mistakes have been carefully addressed in the Quran memorizing test, Quran hifz test, and offline Quran memorization tool. These highlighted error lines can be found and saved by it in your revision history. Children can verify and observe their parents' faults and memorization skills using this highly useful software.

F. Smart Quran [31]



Fig. 6

In accordance with the Printing of the Quranic Text Act 1986 (Act 326), Smart Quran is the first Quran mobile application to be licensed by the Al-Quran Printing Control and Licensing Board, Ministry of Home Affairs Malaysia. The Department of Islamic Development Malaysia (JAKIM), the Ministry of Home Affairs Malaysia (MOHA), and the Malaysian Communications and Multimedia Commission (MCMC) collaborated to produce this application.

Besides, anyone can use the Smart Quran application for free. Shaf Madinah V2 plus translations into Malay and English makes up the Smart Quran. The following reciters are available on audio: Syeikh Ibrahim al Akhdar, Syeikh Abdullah Ibn Ali Basfar, Syeikh Ali al Huzaiifi, and Syeikh Muhammad Ayyub Ibn Muhammad Yusuf.

The "Smart Quran" program has several benefits that can help users understand, read, and memorize the Quran. The following are some of the primary benefits of the "Smart Quran" application:

This software frequently provides translations and interpretations of the Quran, which facilitates understanding of the meaning of the Quranic passages. It improves people's comprehension of the Quran. Additionally, the application provides several benefits to improve the user experience. Users can choose the reciter they want to use and download the audio page by page. You may see the Smart Quran app in either Malay or English, and it has translations from Tafsir Pimpinan Ar-Rahman that are given by JAKIM. Surahs are arranged by "Juzuk" in addition to their Arabic and Romanized names.

In addition, there is a night mode for comfortable reading in dimly lit areas, and users can bookmark their favorite passages and pages for easy access. In addition, users have the option to play verses and look up the translation of terms. The search results can be jumped to the relevant Quran page. When taken as a whole, these benefits offer a thorough and intuitive Quranic discovery and study experience.

G. Quran Majeed [32]



Fig. 7

The provider of this application is Pakdata. August 18, 2014 was the release date, and October 16, 2023 was the update. The best Quran application for studying and listening to the Quran on the go is Quran Majeed. With a review by a Muslim scholar, the most recent edition of the official Quran Majeed app for iPhone and iPad offers the entire Quran in the tasteful Uthmanic script, audio recitation, translations, and English Tafsir Uthmani.

There is a global prayer times clock that has options for Azan and Adhan alarms. It gives the direction of the Qibla and supports different ways for calculating the prayer time. It also provides Sehar/Iftar timings for Ramadan.

This application offers over 10 renowned reciters such as Sheikh Abdul Basit, Sheikh As Sudays & As Shraym, Mishari Rashid, Saad Al Ghamdi, Abu Bakr Shatry, Sheikh Ahmed Ajmi, Sheikh Al-Huzaifi, Sheikh Mahir-al-Muayqali, Sheikh Minshawi, Sheikh Ayub, Khalil Husari, Mahmood AlBana, Salah Bukhatir, and Sheikh Basfar.

Additionally, this application looks up any word in the Quran with ease. contains forty-five language translations (AlBanian, Amazigh, Amharic, Azerbaijani, Bengali, Chinese, Divehi, Dutch, French, German, Hausa, Hindi, Indonesian, Italian, Japanese, Korean, Malayalam, Malaysian, Norwegian, Persian, Polish, Portuguese, Romanian, Russian, Sindhi, Somali, Spanish, Swahili, Swedish, Tajik, Tamil, Tartar, Turkish, Urdu, Uyghur, Uzbek) and four English translations (Pickthal, Dr. Mohsin, Mahmood & Yusuf Ali).

This application also has various audio choices (repetition of the verse, Surah, number of repetitions, interval, and recitation speed) to help with memorizing, as well as the ability to show any translation with the complete Arabic text in high definition. The pinch/zoom function for adjusting font size is also supported.

The Quran Majeed app has several elements that enhance the user's Quranic experience. It supports background audio recitation playing, allowing users to continue their spiritual journey without interruption. Users may also watch live broadcasts from Makkah and Madinah, which connects them to the core of Islam. The software also assists users in locating nearby Halal restaurants and Masjids, making it easier to follow their beliefs. It has a Hijri calendar to keep users up to speed on key Islamic events. The Quran Majeed app gives advice to help users better comprehend the Quran and access Quran TV for more in-depth programming.

Additionally, the voice recording feature of Hifz helps users with their memory. The Quran Majeed app is a complete and invaluable tool for users' spiritual development because of all these elements together.

Overall, Quran Majeed is an invaluable resource for Muslims and everyone else who wants to learn about and comprehend the Quran. People who want to interact with the holy Quran often choose it because of its extensive capabilities, multilingual support, and easy-to-use interface. To make sure you're installing the most reliable and recent version of Quran Majeed, it's advised to check the most recent user reviews and ratings in your app store.

H. *iQuran Lite [33]*



Fig. 8

The Beehive Innovation FZE's iQuran Lite was last updated on August 26, 2019. Every Android smartphone is compatible with iQuran. This program provides a complete English translation of the whole Quran, together with an extensive library of audio recitation recordings. Verse by verse audio playback, color-coded Tajweed rules for accurate pronunciation, bookmarks, tags, repeat capabilities, excellent navigation controls, side-by-side English translation, audio recitation, and a host of other features are all included in the iQuran.

With complete landscape support for user convenience, the Quran Majeed app offers several features to improve the Quranic experience. It has color-coded Tajweed regulations for the final "Juz / Para" which enhances comprehension of pronunciation. For convenience and organization, users have the option to bookmark and tag individual verses (up to five bookmarks and three tags). Shakir's translation into English is included in the app, which provides up to 20 search results for each query. Users can benefit from strong audio controls, such as grouped verse playback for memorizing help, and can choose Sheikh Husary's recitation for instruction. It's crucial to remember that the app is completely functional and that all these functions are engaged, guaranteeing that you will always have access to these priceless materials while you travel the Quran.

I. *Easy Quran Memorizer [34]*



Fig.9

It is Darse Mansoor Org that provides the "Easy Quran Memorizer" software. It was updated on September 1, 2020, after being first published on June 22, 2020. The Holy Quran may be easily memorized with the aid of this software, which is intended to be user-friendly and simple. This Quran memorizing software is free and has an easy-to-use layout, making it a useful resource for Muslims of all ages, including siblings and kids.

Over ten well-known reciters are available on this app, including Maher Almuaiqly, Abdul Basit Murattal, Husary Muallim, Alafasy, Abdurrahman As-Sudais, Hudhaify, Minshawy Murattal, Saood ash-Shuraym, and many more. One of the main characteristics is that when students have successfully remembered a surah, they may perform it with ease and note their progress for later reference. With the help of this creative technology, users may listen to and practice specific passages again, which is quite beneficial for memorizing attempts.

Moreover, the application facilitates the recitation of verses inside a surah, augmenting the memory procedure with specific pages and functionalities intended for thorough revision. One of the most helpful features for Quranic students is the ability to remember and go over verses one by one, which is another evidence of this flexibility.

Additionally, the software puts accessibility first by providing a translation into Bangla, therefore reaching a larger pool of learners. Most remarkably, Easy Quran Memorizer's intuitive layout makes it a great option for Muslim kids, siblings, and friends. The ease with which one may just tap on a surah or ayah to begin automatic playing guarantees that users of all ages and technological skill levels can participate in the Quranic learning process. The Quran learning process is elevated by the user-centric design, which also makes it more pleasurable.

J. *Quran Explorer* [35]



Fig. 10

Noble Education Foundation released Quran Explorer on July 2, 2015. On November 14, 2023, it was updated. Quran Explorer is a Quran software with upgraded and extended features and services to make reciting, learning, and remembering the Quran easier and more enjoyable. The Quran Explorer App includes Quran Recitation, Quran Translations, Quran commentary (Quran Tafsir), a search tool, and it is free of advertisements.

The latest edition of the Quran Explorer App is free and has a wide range of features. The Quran Explorer App is available for free and offers a plethora of features in its most recent version. This application offers several features, such as numerous reciters, numerous translations, English and Urdu audio translations, limitless bookmarks, background audio, the ability to turn off the standby feature, bulk downloads, and many more.

VI. CONCLUSION

As a conclusion, the excellence of *tahfiz* education requires effective learning methods and processes such as through technological approaches. The usage of Information and Communications Technology (ICT) in teaching and learning at *tahfiz* schools makes the process interesting and effective because it is flexible and easy to access anywhere and anytime. Various software and applications in smartphones have been developed are able to help students, especially students at the higher education level. Therefore, the findings of the study show that there are many modern applications of *Tahfiz* Al-Quran learning that can be downloaded and widely used on android and IOS.

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