

The Use of the Tilawati Mobile Android Application as an Effort to Assist the Learning Process of Reading the Qur'an for the Elderly Community in the Bogor Mengaji Class

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ABSTRAK

Kegiatan pengabdian masyarakat ini bertujuan untuk mengatasi tingginya angka buta aksara Al-Qur'an di Indonesia, khususnya di Desa Kedung Halang, dengan memberikan pembinaan literasi digital menggunakan Aplikasi Android Tilawati Mobile. Kegiatan ini bertujuan untuk meningkatkan kualitas membaca Al-Qur'an bagi masyarakat lansia di kelompok pengajian Bogor Mengaji dan meningkatkan literasi digital bagi para tutor. Program ini memberikan manfaat bagi berbagai pihak, antara lain Warga Belajar Bogor Mengaji, Dosen Tetap Prodi Pendidikan Agama Islam STAI Al-Hidayah Bogor, dan STAI Al-Hidayah Bogor. Kendala utama yang dihadapi oleh masyarakat lansia antara lain keterbatasan waktu belajar dan keterbatasan media pembelajaran. Aplikasi Tilawati Mobile Android memberikan kemudahan belajar Al-Qur'an dengan cara mendengarkan dan melihat maqra' yang dibaca oleh Qori, sehingga pembelajar dapat mengakses Al-Qur'an kapanpun dan dimanapun. Model pembelajaran yang didukung teknologi ini bertujuan untuk membuat pembelajaran Al-Qur'an menjadi lebih mudah dan menyenangkan bagi masyarakat lansia.

ABSTRACT

This community service activity aims to address the high level of Qur'anic illiteracy in Indonesia, particularly in Kedung Halang Village, by providing digital literacy coaching using the Tilawati Mobile Android Application. The activity aims to improve the quality of reading the Al-Qur'an for the elderly community in the Bogor Mengaji study group and improve digital literacy for tutors. The program benefits various parties, including Bogor Mengaji Learning Citizens, Permanent Lecturer of Islamic Education Study Program STAI Al-Hidayah Bogor, and STAI Al-Hidayah Bogor. The main obstacles faced by the elderly community include limited learning time and limited learning media. The Tilawati Mobile Android Application provides convenience for learning the Qur'an by listening to and seeing maqra' read by Qori, allowing learners to access the Qur'an anytime and anywhere. This technology-supported learning model aims to make learning the Qur'an easier and more enjoyable for the elderly community.

INTRODUCTION

The Qur'an is Kalamullah which contains instructions that guide humans to achieve a happy life in this world and in the hereafter, reading it is considered a rewarded worship and the Qur'an has its own characteristics, namely being read using special signs known as Tajweed science (Muhammad Aman Ma'mun, 2019). The command to read the Qur'an properly and correctly is contained in several verses in the Qur'an (Ahmad Fathoni, 2016), one of these verses is Al-Muzammil verse 4 which reads: "Recite the Qur'an with the best recitation"

For Muslims, reading the Qur'an is one of the main things to do in everyday life, because the Qur'an is the main foundation that regulates everything in this universe. However, based on various recent studies that mention that the rate of Qur'anic illiteracy is still very high in Indonesia, one of these studies states that the level of Qur'anic illiteracy in Indonesia reaches 85% (Institut Ilmu Al-Qur'an (IIQ), 2022; Muhyidin, 2020).

One of the groups of people who are illiterate in the Qur'an is the adult community. The high level of Qur'anic illiteracy in Indonesia occurs due to internal and external factors (Mujahidin et al., 2020). Internal factors include lack of self-awareness to learn to read the Qur'an at an early age, no enthusiasm or ghirroh to learn it and external factors in the form of limited infrastructure, methods and learning media specifically designed for adults to learn to read the Qur'an (Heri Rifhan Halili, 2021).

Efforts to improve the quality of learning to read and write the Qur'an are increasingly vibrant in this contemporary era, it is a breath of fresh air for efforts to eradicate Qur'anic illiteracy and improve the quality of reading the Qur'an in today's society. There are various methods that make it easier for people to be able to read the Qur'an quickly in a good and correct manner. There are more than 200 methods of reading the Qur'an that have grown and developed in Indonesia (Sofian Efendi, 2021). This is an effort made by scholars and Qur'an learning activists to realize Indonesian people who can read the Qur'an properly and correctly.

One of the methods of reading the Qur'an that is growing and developing rapidly in Indonesia is the Tilawati method, a method of reading the Qur'an with the paradigm of learning the Qur'an easily and fun. Al-Qur'an learning is taught with a reading and listening approach accompanied by learning strategies that are tailored to the growth and development of the age of student (Ningsih, 2022). The Tilawati method is taught using lugham Rost, which is one of the seven lugham pakem in reading the Qur'an. The Tilawati method is also equipped with various media to support its learning in the form of books, props and in the form of android applications. The Tilawati Mobile Android application was created to respond to challenges in the era of massive and digital-based information technology to become one of the bridges of educational reform in Indonesia (Ningsih, Ahmad, et al., 2022)

One of the adult Qur'an learning groups that uses this application to support its Qur'an learning is the Bogor Mengaji class in Kedung Halang Village, North Bogor District, Bogor City (Astyawan, 2021) (Sudrajat, 2021). A Koranic class consisting of elderly people with an average age range of over 40 years, male gender and residents who live in the Kedung Halang Village area of Bogor City. This study group uses the Tilawati Android application to support its learning.

METHOD

The method used in the community engagement activities to teach the Quran goes through the following stages:

1. Identification of Problems by identifying obstacles in the process of learning to read the Qur'an faced by the Elderly Community who attend classes at Bogor Mengaji.
2. Determination of Solutions by deciding to use the Tilawati Mobile Android Application as an innovative solution to support and improve the learning process of reading the Qur'an in the Elderly group.
3. Program Design, by compiling a detailed program, including the stages of introducing the Tilawati Mobile Application, training in the use of the application, and integrating the application in the Bogor Mengaji class.

4. Sample Selection, by selecting the elderly who meet the inclusion criteria and are willing to actively participate in the learning program using the Tilawati Mobile Application.
5. Training on the use of the application, by providing training to elderly participants regarding the use of the Tilawati Mobile Application, ensuring that participants understand how to operate the application, access content, and utilize learning features optimally.
6. Program Implementation, integrating the Tilawati Mobile Application into the Bogor Mengaji class learning curriculum, developing a learning schedule that integrates the use of the application as a tool in the Qur'an learning process.
7. Initial Data Collection, evaluating the level of understanding and acceptance of the Tilawati Mobile Application by Elderly participants before the start of the program, conducting initial interviews and observations to gain an understanding of the initial context around the use of technology.
8. Program Implementation, engaging Elderly participants in learning activities using the Tilawati Mobile Application, holding discussion and question and answer sessions to ensure understanding and effective application of learning.
9. Final Data Collection, collecting data after program implementation to evaluate the success of learning and changes in the ability to read the Qur'an by Elderly participants.
10. Data Analysis, conduct descriptive statistical analysis to detail user profiles and measure the success rate of learning, analyze qualitative data from interviews to gain a deeper understanding of the impact of using Tilawati Mobile App.
11. Evaluation, assessing the impact of using the Tilawati Mobile Application on the ability to read the Qur'an by Elderly participants, evaluating the effectiveness of the program and identifying areas of improvement that may be needed.
12. PKM Report Writing, compiling a PKM results report that includes a description of the program, data analysis, and recommendations for further development.
13. Dissemination of Results, disseminating PKM results to related parties, including the Bogor Mengaji Class manager and the general public, promoting the use of the Tilawati Mobile Application as an effort to assist learning to read the Qur'an in the Elderly Community.

RESULT AND DISCUSSION

Result

The implementation of community service activities began on November 01 to November 15, 2023. The activity was generally carried out with the following agenda:

1. Introducing Al-Qur'an learning media other than the commonly used Adult Tilawati book.
2. Introducing digital literacy in Qur'anic learning so that Qur'anic learning is always relevant to the dynamics of changing times
3. Strengthening the enthusiasm of the Learning Citizens to always be active in learning the Qur'an anywhere and anytime with the Tilawati Mobile Android Application.
4. Building the mindset of the Learning Citizens that learning the Qur'an is easy and fun
5. Building a paradigm of thinking that the best people of the Prophet are those who want to learn the Qur'an and then teach it to those around them, especially to their families.

This community empowerment activity program is aimed at two groups that are directly related to this program. The two groups are:

1. Tutors

Tutors are people who are mandated by the village to teach the Qur'an in the study group. One of the requirements to become a Tutor is to have the standard competence to become a Al-Qur'an teacher as evidenced by his/her syahadah/certification.

2. Learning Citizens

Learning citizens are a term for elderly people who are members of the Bogor Mengaji class, to become a learning citizen in this program must go through administrative selection conducted by the Kelurahan.

Data on Bogor Mengaji Learning Citizens of Kedung Halang Village Class, are as follows:

Tabel 1. Data on Bogor Mengaji Learning Citizens of Kedung Halang Village Class

No	Name	Age	Address
1	Ahmad Saefudin	49	Gg. Mangga RT/RW. 06/03 Kel. Kedung Halang
2	Mulyana	53	Gg. Mangga RT/RW. 06/03 Kel. Kedung Halang
3	Ade Suryadi	58	Gg. Mangga RT/RW. 06/03 Kel. Kedung Halang
4	Ihsan	50	Gg. Mangga RT/RW. 06/03 Kel. Kedung Halang
5	Jaelani	49	Gg. Mangga RT/RW. 06/03 Kel. Kedung Halang
6	Edi Humaedi	70	Gg. Mangga RT/RW. 06/03 Kel. Kedung Halang
7	Achmad Fauzi	59	Gg. Mangga RT/RW. 06/03 Kel. Kedung Halang
8	Deri Hermawan	40	Gg. Mangga RT/RW. 06/03 Kel. Kedung Halang
9	Iyus	64	Gg. Mangga RT/RW. 06/03 Kel. Kedung Halang
10	Edi Nurzaman	63	Gg. Mangga RT/RW. 06/03 Kel. Kedung Halang
11	Muzzamil	52	Gg. Mangga RT/RW. 06/03 Kel. Kedung Halang

Discussion

The implementation of the community service program activities is carried out through several stages of activity, these activities are divided into three major stages of activity, namely: planning, implementation, and evaluation of the results of community service programs (Terry, 1999).

The three stages of the activity have been carried out with the implementation of the activities as follows:

1. Planning Stage

The planning stage of this activity was carried out on October 30, 2023 to November 05, 2023, while the community service planning activities include:

- a. Conducting a survey to the Bogor Mengaji class in Kedung Halang Village to determine the obstacles in learning that are experienced and deemed urgent to be resolved.

This activity was carried out on October 30, 2023 and took place at Mushollah Al-Barkah which is the place for the Bogor Mengaji learning process for the Male class of Kedung Halang Village, Bogor City.

- b. Determine the method of implementing coaching and training on the use of learning media for the Tilawati Mobile Android Application(Wahyu Ningsih et al., n.d.), determine the time for implementing coaching and training on the use of learning media for the Tilawati Mobile Android Application and the time to socialize the application to the Learning Citizens, then determine the Rundown of implementation activities.

This activity was carried out on November 05, 2023 together with the Bogor Mengaji Tutor, Kedung Halang Village Ustadz Abdul Rohim.

2. Implementation Stages

The planning stage of this activity was carried out from November 16, 2023 to November 25, 2023, while the community service planning activities include:

- a. Conducting discussions with Tutors and Learning Citizens regarding learning obstacles encountered during the teaching and learning process.
- b. This activity was carried out on November 11, 2023 together with the Bogor Mengaji Tutor of Kedung Halang Village, Ustadz Abdul Rohim and all Bogor Mengaji Learning Citizens of Kedung Halang Class, Bogor City.
- c. Conducting coaching and training on effective Al-Qur'an learning media that can be done anytime and anywhere, namely by using the Tilawati Mobile Android Application.
- d. This activity was carried out on November 11, 2023 together with the Bogor Mengaji Tutor of Kedung Halang Village, Ustadz Abdul Rohim and all Bogor Mengaji Class Learning Citizens of Kedung Halang, Bogor City.
- e. Conducting a training process for using the Tilawati Mobile Android Application starting from the download process, the process of purchasing the Tilawati Key through the Tilawati Jabar coaching branch and ensuring that all Learning Citizens can use the Application.



Figure 1. Documentation of Bogor Mengaji in Kedung Halang Bogor City

The flow of the training process for using the Tilawati Mobile Android Application is as follows:

- a. Download the Tilawati Mobile Application via the Play Store and provide a paid KEY to be able to open all levels in the application, the application is as shown below:
 - 1) Download the Tilawati Mobile Application through the Play Store and provide a paid KEY to be able to open all levels in the application, the application is as shown below:

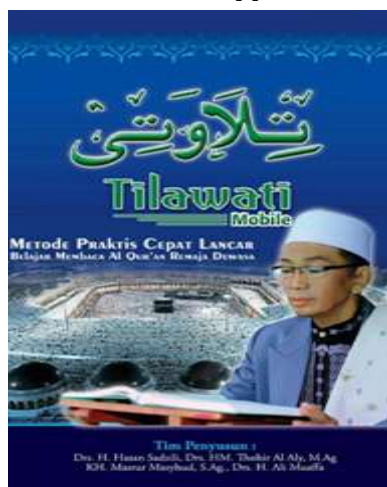


Figure 2. Tilawati Mobile Application

- 2) Providing tutorial training on the use of the Tilawati Mobile android application to learning citizens. Starting with how to open at level one to level 5. The level stages on the Tilawati Mobile Android Application are as shown below:



Figure 3-4. Tilawati Mobile Level in Application

This activity was carried out on November 11, 2023 together with the Bogor Mengaji Tutor of Kedung Halang Village, Ustadz Abdul Rohim and all Bogor Mengaji Learning Citizens of Kedung Halang Class, Bogor City.

- 3) Monitoring learning activities with the Tilawati Mobile Android Application media in the Bogor Mengaji program Kedung Halang Male class.

This is done by involving Tutors as teachers in the program.

This monitoring is carried out by assigning the Learning Citizens to review the material that has been delivered and learn the material that will be studied at the upcoming meeting at their respective homes (Ningsih, Saefullah Anwar, et al., 2022).

This step is taken to facilitate the Learning Citizens in improving the quality of their reading of the Qur'an, and with this effort learning the Qur'an can be done anywhere and anytime with the tilawati Mobile Android Application that has been installed on the mobile phones of the Learning Citizens.

This assignment can be monitored whether the Learning Citizens carry out the assignment properly or not through the program achievement sheet that is prepared and must be filled in by the Learning Citizens.

This activity was carried out on November 12 to November 22, 2023 together with the Bogor Mengaji Tutor of Kedung Halang Village, Ustadz Abdul Rohim and all Bogor Mengaji Learning Citizens of Kedung Halang Class, Bogor City.



Figure 5. Documentation of Bogor Mengaji in Kedung Halang Bogor City

3. Program Evaluation Stages

The final stage of the planning and implementation process is evaluation or monitoring which aims to determine the extent of the success of using Al-Qur'an learning media with the Tilawati Mobile Android Application in supporting learning in the Bogor Mengaji class of Kedung Halang Village (Hasan, 2010).

Therefore, during the money, the community service team made observations to the learning class when the Tutor and the Learning Citizens carried out the teaching and learning process by giving assignments to the Learning Citizens to review the pages that had been read at the meeting and giving assignments to the Learning Citizens to study the pages to be read next using the Tilawati Mobile android application learning media (Tim Munaqisy Tilawati Pusat, 2018).

This activity was carried out on November 25, 2023 together with the Bogor Mengaji Tutor of Kedung Halang Village, Ustadz Abdul Rohim and all Bogor Mengaji Learning Citizens of Kedung Halang Class, Bogor City.

The success of the activity can be determined from the results of the evaluation carried out through the Akbar Munaqosyah activity which was carried out simultaneously by all Learning Citizens in 68 villages in Bogor City.

Tabel 1. The results obtained in the Bogor Mengaji Kedung Halang Male Class

NO	NAME	VALUE			Level
		FASHOHA	TAJWID	SOUND/SONG	
1	Edi Nurzaman	19	39	10	4
2	Iyus	28	47	10	5
3	Deri Hermawan	28	45	10	5
4	Achamd Fauzi	24	46	10	5
5	Ikhsan	18	38	10	3
6	Ade Suryadi	18	38	10	3
7	Edi Humaedi	27	40	10	5
8	Mulyana	19	39	10	4
9	Ahmad Saepudin	19	39	10	4
10	Muzamil	19	39	10	4

The Bogor Mengaji program class in Kedung Halang Village sent 10 Learning Citizens to take part in munaqosyah, from 10 Learning Citizens who took part in munaqosyah, the results were obtained: Four Learning Citizens passed at level five, Four Learning Citizens at level four and two Learning Citizens at level three.

CONCLUSION

Based on the community service activities carried out by a team of lecturers, implemented in Kedung Halang Village, North Bogor District, Bogor City, it can be concluded as follows:

1. The implementation of community service activities (PKM) has a very positive impact and makes a major contribution to STAI Al-Hidayah Bogor, for lecturers and for the community of Kedung Halang Village, North Bogor District, Bogor City.
2. The enthusiasm and support of the Tutors and the support of the Learning Citizens and the management of Musholah Al-Barkah as the location of this community service activity is very broad so that the community awakens its awareness to learn the Qur'an more intensively anytime and anywhere through the design of activity programs carried out together.
3. The activities carried out from beginning to end received a positive response, because these activities were a solution to the problem of learning to read the Qur'an for adults.
4. The STAI Al-Hidayah collaborative PKM team involving lecturers carried out activities from October to February 2023.
5. The community service activities that have been carried out run smoothly in accordance with the previously made plans. There are many broad benefits felt by the community in this PKM program.

Based on this, there are suggestions that we would like to convey to related parties, including:

1. We hope that the next batch of the Bogor Mengaji program in 68 villages in Bogor City will also use this Tilawati Mobile Android Application, considering that the average community has an Android phone and this can also be used to learn to read the Qur'an which is integrated with the learning carried out in the Bogor Mengaji program that is followed.
2. To Tutors and Learning Citizens of the Bogor Mengaji program are expected to make this Tilawati Mobile Android Application as one of the information technology-based learning media that can be used as a learning medium that will facilitate the process of learning to read the Qur'an effectively and efficiently.

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