

Innovation in the Development of the Qurban Savings Application (TAQUR) at the DKM Musholla Manbaul Iman, Tegal City

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Abstract

The Manbaul Iman Prayer Room in Tegal City faces obstacles in managing qurban savings which are still done manually, often causing recording errors and delays in reporting. This hampers transparency and efficiency in the management of qurban funds, which has an impact on the trust of the congregation. Therefore, this community service topic was chosen to introduce innovation through the development of the Qurban Savings Application (TAQUR) to improve the quality of qurban fund management at DKM Musholla Manbaul Iman. The aim of this service is to improve digital literacy and the skills of DKM managers in using information technology through implementing the TAQUR application. The methods used include needs analysis, design, development and application implementation, followed by digital literacy training for 10 DKM managers. The results of the activity showed an increase in managers' hard skills in using applications by 75%, as well as an increase in soft skills in financial management by 60%. From an economic perspective, there has been an increase in transparency accompanied by an increase in the amount of Qurban savings by 40%. The results of this service are important because they show that technological innovation can increase efficiency and trust in the management of Qurban funds, so it is worthy of being used as a model for other DKM.

Keywords: *Qurban Savings, Digital Literacy, Qurban Fund Management, Technological Innovation, Administrative Efficiency*

1. Introduction

In this increasingly advanced digital era, the use of information technology has become a primary necessity in various aspects of life, including the management of religious funds. Managing Qurban savings is one of the important activities in the mosque and prayer room environment. However, in many places, this management is still done manually, which often causes various problems such as inaccurate recording, delays in reporting, and lack of transparency. This condition not only hampers operational efficiency, but can also reduce the congregation's level of trust in the management of qurban funds. According to Deloitte (2020), digitalization in non-profit financial management not only increases transparency and accuracy, but also reduces the risk of manual errors and makes reporting and supervision easier.

The Manbaul Iman Prayer Room in Tegal City is an example of a place of worship that

faces these obstacles. The management of Qurban savings in prayer rooms is still done manually, making it susceptible to recording errors and lack of transparency. Apart from that, limited digital literacy among managers is also a major obstacle in utilizing technology to increase the efficiency and accuracy of managing qurban funds. These issues show the need for innovation in the form of developing digital applications that can help managers carry out their duties more effectively and transparently. A system is defined as a collection of procedures that are interrelated and connected to carry out a task together [1]. The use of web-based applications in zakat management can increase donor confidence and speed up the fund distribution process [2] and the importance of technology adoption can serve to expand the reach of social programs and increase community participation [3].

In recent years, the practice of Qurban has witnessed a transformative shift, as communities increasingly integrate modern technology into traditional rituals. Qurban, or animal sacrifice, is a significant religious practice in Islam, symbolizing devotion, gratitude, and communal sharing. However, as urbanization accelerates and the population becomes more digitally connected, there arises a need for innovative solutions that can streamline and enhance the Qurban experience. This article delves into the innovative development of the Qurban Savings Application, known as TAQUR, implemented at DKM Musholla Manbaul Iman in Tegal City.

The introduction of TAQUR represents a pivotal step towards modernizing the Qurban process. Traditional methods often involved cumbersome manual procedures, limited transparency, and challenges in community engagement. With the advent of digital solutions, TAQUR aims to address these issues by providing a platform that simplifies the financial contributions, tracks savings, and manages logistics effectively. This application not only facilitates the process of Qurban for individual contributors but also ensures a more organized and efficient approach to the overall management of the event.

One of the primary objectives of TAQUR is to foster community participation. By utilizing a user-friendly interface, the application encourages users to contribute to the Qurban fund with ease, while also educating them about the significance of their contributions. The integration of features such as reminders, progress tracking, and detailed reporting enhances accountability and builds trust within the community. Furthermore, TAQUR is designed to be inclusive, catering to a diverse range of users, from tech-savvy individuals to those who may be less familiar with digital platforms.



In addition to its practical benefits, the TAQUR application embodies a commitment to preserving the cultural and spiritual essence of Qurban. By leveraging technology, DKM Musholla Manbaul Iman seeks to enhance the collective experience of the community during this important religious observance. The application not only serves as a financial tool but also as a medium to promote awareness and understanding of the values inherent in the practice of Qurban.

Several previous studies and community service programs have shown that the application of information technology can increase efficiency and transparency in the financial management of mosques and prayer rooms. For example, a study conducted by Ramadhan and Maulana (2022) shows that the use of digital applications for managing mosque finances can reduce recording errors by up to 70% and increase the transparency of fund management [4]. Apart from that, the community service program carried out by Nurhayati et al. (2021) in several mosques in Surabaya succeeded in increasing the digital literacy of mosque managers by 80% after implementing an application-based information system [5]. These results show that technological innovation not only increases operational efficiency, but also strengthens congregational trust in the management of mosque funds.

In a broader context, the use of information technology in managing religious funds has also been recognized by many parties as an effective way to increase transparency and accountability. Innovations in technology-based financial management can reduce the risk of human error and increase transaction transparency [6]. For example, research by Handayani and Kurniawan (2023) shows that the implementation of technology-based financial applications in mosques in Yogyakarta has succeeded in increasing congregation participation in the qurban savings program by up to 50% [7]. Thus, it is clear that there is great potential to adopt a similar solution in prayer rooms that still experience problems in managing qurban funds.

Another study by Muhammad Andi Budiyanto et al (2022) concluded that this information system must be created because it involves the trust of money from the public [8]. Meanwhile, Fauzan (2022) in his study stated that mobile applications for social fund management have great potential to empower the community and support the implementation of religious programs more efficiently [9] and the use of digital platforms for managing qurban funds can overcome administrative obstacles which often become a problem. obstacles in manual management [10].

Based on the results of previous research and community service, the development



of the Qurban Savings Application (TAQUR) at the Manbaul Iman Prayer Room DKM in Tegal City is expected to be an effective solution to overcome existing problems. The TAQUR application is designed to make it easier to manage qurban funds by providing features such as automatic transaction recording, transparent financial reports, and easy access for managers and congregation. The aim of this service activity is to increase the digital literacy of prayer room managers and introduce an integrated information system for managing qurban savings, so as to increase efficiency, accuracy and transparency in managing qurban funds.

This article will provide a comprehensive overview of the objectives, features, and anticipated impacts of the TAQUR application, highlighting its significance in modernizing the Qurban experience while maintaining its cultural relevance. By examining the innovative approach taken by DKM Musholla Manbaul Iman, we aim to illustrate how technology can play a vital role in enriching traditional practices, ultimately strengthening community ties and enhancing the spiritual experience of Qurban.

2. Method

The partner in this community service process is the DKM Musholla Manbaul Iman Tegal City which is located in the JL area. Musi No.15, Mangkukusuman, Kec. East Tegal, Tegal City, Central Java 52121 involving approximately 6-7 administrators, especially those related to annual sacrifice activities at the prayer room.

The implementation method for developing the Qurban Savings Application (TAQUR) involves several key stages designed to ensure effective and efficient implementation. This process begins with a needs analysis where the development team will work together with the DKM Musholla Manbaul Iman administrators to identify the features needed in the application. This stage involves interviews, surveys, and documentation review to ensure that the application developed meets user needs and expectations.

Once the needs are identified, the next stage is application design and development. At this stage, the technical team will create a user interface design and application system architecture based on agreed specifications. The development process is carried out using an iterative method, including prototyping and initial testing to ensure that the application functions well and meets quality standards.

After the application is developed, the next stage is implementation and training. The TAQUR application will be implemented at the DKM Musholla Manbaul Iman, followed by training sessions for prayer room administrators to ensure they can use the application

effectively. This training covers basic application usage, data management, and report creation. Additionally, technical support will be provided to address any issues that may arise during this phase.

The final stage is monitoring and evaluation. Once the application is in active use, the project team will conduct monitoring to assess application performance and obtain feedback from users. This evaluation aims to identify areas that need improvement and ensure that the application continues to meet the needs of prayer room administrators and donors. Adjustments and improvements will be made based on the evaluation results to improve application function and efficiency.

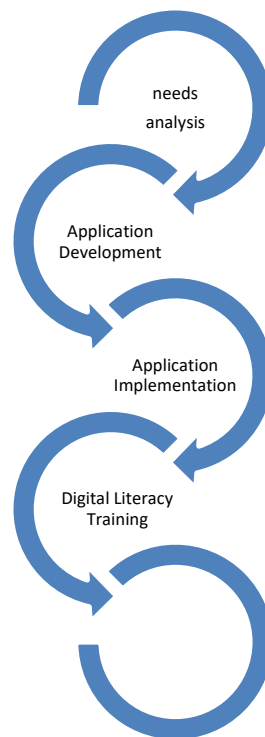


Figure 1. Stages of the Community Service Process

3. Result

The following are the results of activities according to the implementation method flow for this community service program:

1. Needs Analysis

The initial stage in implementing this program is to conduct a Needs Analysis. At this stage, the implementation team held discussions with the management of the DKM Musholla



Manbaul Iman and several community members to understand the needs and obstacles faced in managing qurban savings. The results of this analysis indicate that manual management of qurban savings tends to be inefficient, there are often errors in recording, and there is a lack of transparency in managing funds. Therefore, an application is needed that can simplify management, improve recording accuracy, and provide transparency to the congregation.

2. Application Development

After the needs were identified, the team proceeded to the Application Development stage. The application developed, named TAQUR (Tabungan Qurban), was designed with features that were in accordance with the needs that had been previously identified. Key features include automatic transaction recording, transparent monthly reports, and deposit schedule reminders. This application was developed using a user-friendly platform, making it easy to operate by DKM administrators who have limited technological knowledge.

3. Application Implementation

After the TAQUR application was developed, the Application Implementation stage was carried out at the DKM Musholla Manbaul Iman. At this stage, the application began to be used officially to manage qurban savings. DKM administrators were directly involved in this process to ensure that the application functioned as planned. The implementation team also conducted initial monitoring to identify and fix technical problems that might arise when the application was first used.

4. Digital Literacy Training

To ensure that the application can be used optimally, the implementation team held Digital Literacy Training for DKM administrators and several representatives of the congregation. This training covers how to use the TAQUR application, basic understanding of information technology, and the importance of digital literacy in managing mosque finances. This training was well received by the participants, and gave them the confidence to use the application in their daily activities.

5. Improving Digital Literacy

As part of the sustainability of the program, the Digital Literacy Improvement activity is carried out in stages through follow-up sessions and mentoring. The main objective of this stage is to ensure that DKM administrators and congregations can continue to use the TAQUR application independently and improve their ability to utilize digital technology for other needs. Through this activity, there is an increase in awareness of the importance of digital literacy in managing mosque finances, as well as motivation to adopt technology in other religious activities.





Figure 2. Discussion Process with the Mosque Management



Figure 3. TAQR Application Usage Training Process

4. Conclusion

The community service process carried out by the management of the Musholla Manbaul Iman in Tegal City has been successfully implemented effectively and has had a significant impact. The following are the conclusions of this program:

1. The needs analysis conducted shows that DKM Musholla Manbaul Iman needs a solution to improve efficiency and transparency in managing qurban savings. The development of the TAQR application is the right answer to these needs, in



accordance with the conditions and capabilities of users.

2. The implementation of the TAQUR application is expected to increase the efficiency of qurban savings management by minimizing errors in recording, facilitating fund management, and providing more transparent and accurate reports to the congregation.
3. The training and mentoring carried out in this program succeeded in increasing the digital literacy of DKM administrators and congregations. The level of understanding and ability in using the TAQUR application showed a measurable increase, seen from their ability to operate the application independently after training and the increased motivation to adopt digital technology in other activities.
4. Through follow-up sessions and mentoring, this program ensures that the TAQUR application can be used sustainably and become a model that can be replicated in other mosques. This application is also an important tool in efforts to improve digital literacy in the DKM and congregation environment, which is expected to have a positive impact on the management of mosque finances in the future.

5. Suggestion

The author would like to thank the administrators of the Manbaul Iman Mosque in Tegal City, chaired by Ustad Iman Ahmad Baihaqi, who have provided the opportunity to carry out the community service process, especially regarding digital literacy innovation in the development of the Qurban Savings Information System (TAQUR).



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