

Website Development as an Information and Material-Sharing Platform for Fiqh of Worship

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Abstract: *Majlis Ta'lim Petuah Bandung, established in 2021, faces challenges in expanding its da'wah reach and improving the efficiency of information management. Currently, they rely on conventional methods such as face-to-face lectures and printed materials, which are limited in reach and accessibility. In the contemporary era of globalization, digitalization plays a pivotal role in the distribution and accessibility of information. Study conducted by other researchers shows that digital platforms have positive results in the propagation of religious education. By leveraging a website as a dedicated da'wah platform, Islamic teachings can be systematically organized, efficiently disseminated, and easily retrieved, overcoming the limitations associated with traditional da'wah methods. In this study, we propose to developing a website as an information platform and a medium for sharing Islamic study materials. This website allows access to study materials anytime and provides discussion features to enhance interaction. Utilizing the Rapid Application Development (RAD) method and technologies such as HTML, CSS, JavaScript, PHP, and MySQL, the website is designed to be user-friendly and tailored to the needs of the community. The results of our study indicate that the website we developed has successfully addressed the challenges of da'wah in the era of globalization by utilizing a website as a da'wah platform.*

Keywords: Information Technology, Majlis Ta'lim, Website, Da'wah, Rapid Application Development (RAD)

I. INTRODUCTION

The development of information technology has had a significant impact on various aspects of life, including the dissemination of Islamic teachings. Majlis Ta'lim Petuah Bandung, established in 2021, still employs traditional methods for delivering religious materials, such as direct sermons and printed material distribution. However, these approaches have limitations in terms of reach and accessibility. Therefore, a digital-based system is needed to enhance the efficiency of delivering fiqh of worship materials and expand the scope of da'wah.

The rapid evolution of information technology has profoundly influenced various dimensions of human life, including the dissemination of religious knowledge. The transmission of Islamic teachings, particularly within Majlis Ta'lim Petuah Bandung, remains largely reliant on conventional pedagogical methods, such as direct sermons and the distribution of printed materials. While these traditional approaches are valuable for fostering personal engagement and in-depth discussions, they exhibit inherent limitations concerning accessibility, outreach, and sustainability. Consequently, the integration of digital technology into the dissemination of fiqh of worship materials presents a viable and imperative solution to augment the effectiveness and inclusivity of da'wah efforts.

In the contemporary era of globalization, digitalization plays a pivotal role in the distribution and accessibility of information. Technological advancements have

facilitated seamless knowledge-sharing processes, enabling broader interaction among individuals regardless of geographical constraints. A study conducted by Muslim et al. [1] highlights that digital platforms have emerged as instrumental tools in the propagation of religious education, fostering expeditious and extensive connectivity among adherents of Islam. By leveraging a website as a dedicated da'wah platform, Islamic teachings can be systematically organized, efficiently disseminated, and easily retrieved, transcending the limitations associated with traditional face-to-face instruction.

The implementation of a digital-based system for Majlis Ta'lim Petuah Bandung represents a strategic initiative to enhance the accessibility and engagement of its members. A well-designed website serves as an integrated repository for fiqh-related educational materials, allowing users to access religious content at their convenience. Additionally, interactive features such as discussion forums, multimedia presentations, and real-time consultations with scholars can enrich the learning experience, fostering deeper comprehension and participation among the community. Furthermore, the digital platform enables systematic documentation and archival of instructional materials, ensuring that valuable religious knowledge is preserved and continually accessible for future reference.

Recent empirical studies underscore the efficacy of technology in improving pedagogical outcomes within Islamic education. Research conducted by Rahmawati & Pramesti [2] indicates that digital learning platforms significantly enhance cognitive engagement and retention of religious concepts. The

study asserts that virtual environments facilitate dynamic interactions between learners and instructional content, thereby promoting a more immersive and effective educational experience. The development of a fiqh of worship-centered website, therefore, extends beyond mere information dissemination—it functions as an interactive learning ecosystem that fosters intellectual discourse and communal connectivity within the Muslim ummah.

The adoption of digital technology in Islamic educational frameworks aligns with broader trends in e-learning and knowledge management. Cloud-based repositories, artificial intelligence-driven content recommendations, and mobile-friendly applications can further optimize the functionality and accessibility of religious education platforms. Integrating such innovations within Majlis Ta'lim Petuah Bandung would not only modernize its instructional methodologies but also cater to the evolving needs of contemporary learners, particularly younger generations accustomed to digital interfaces.

In conclusion, the transition towards a digital-based da'wah framework represents a transformative shift in the dissemination of Islamic teachings. By harnessing the capabilities of web technology, Majlis Ta'lim Petuah Bandung can expand its outreach, enhance pedagogical efficiency, and foster an interconnected learning community. This paradigm shift underscores the necessity of embracing technological advancements as a means of preserving and propagating religious knowledge in an increasingly digitalized world.

A study by Rahmawati & Pramesti [2] suggests that the implementation of technology in Islamic education can enhance learning effectiveness, particularly in terms of user interaction with provided materials. Therefore, the development of a fiqh of worship-based website is not only aimed at delivering information but also serves as an educational tool and a broader means of interaction within the Muslim community.

II. LITERATURE REVIEW

2.1 Definition of Fiqh of Worship

Fiqh of worship is a branch of Islamic jurisprudence that studies the proper methods of performing acts of worship in accordance with Islamic Sharia principles. This study covers various aspects such as prayer (shalat), fasting (puasa), almsgiving (zakat), and pilgrimage (hajj), which are obligatory for Muslims.

Fiqh of worship represents a specialized branch of Islamic jurisprudence that meticulously examines the prescribed methodologies for performing acts of devotion in strict adherence to Islamic Sharia principles. This discipline encompasses fundamental religious obligations, including prayer (shalat), fasting (puasa), almsgiving (zakat), and pilgrimage (hajj), which constitute the essential pillars of Islamic worship.

Aziz [3] defines fiqh of worship as a codified set of Islamic legal precepts governing the correct execution of acts of devotion exclusively dedicated to Allah. Similarly, Hamdi

[4] asserts that fiqh of worship extends beyond ritualistic observance by emphasizing the profound comprehension of the intrinsic objectives of worship, ensuring its optimal integration into the daily spiritual and moral life of Muslims.

For instance, prayer (shalat) is not merely an obligatory act but serves as an intimate and structured form of communication between the worshipper and Allah SWT. This perspective underscores the necessity of fostering a deeper understanding of worship practices beyond their procedural aspects. Empirical research conducted by Ifendi et al. [5] corroborates this notion, revealing that an enhanced comprehension of fiqh of worship among members of Majlis Ta'lim significantly improves the effectiveness and adherence of worshippers to religious injunctions.

In the contemporary digital landscape, the dissemination and acquisition of knowledge on fiqh of worship can be substantially augmented through technological advancements. Digital platforms facilitate access to a vast array of scholarly references, enabling individuals to engage with authoritative Islamic scholars and intellectual discourses. The integration of these digital resources within Majlis Ta'lim frameworks can bridge educational gaps, providing structured learning modules that ensure a more systematic and accessible approach to the study of Islamic jurisprudence. Ultimately, leveraging digital tools fosters a more informed and engaged Muslim community, thereby enhancing the overall practice and comprehension of fiqh of worship in modern society.

2.2 Website as an Information Platform

A website is a collection of pages accessible via the internet that serves as a source of information. In the context of da'wah, a website can function as a medium for delivering religious materials to a broader audience and making them more accessible to the congregation.

A website is a structured digital platform consisting of interlinked web pages accessible via the internet, serving as a repository and dissemination medium for diverse forms of information. In the realm of da'wah, a website functions as an essential conduit for propagating religious knowledge, facilitating the broad and unrestricted distribution of Islamic teachings to a wider audience while enhancing accessibility for congregants.

Permatasari & Suhendi [6] define a website as a digital-based information system that integrates various multimedia elements, including textual content, images, videos, and interactive user engagement features. In alignment with this perspective, Gunawan & Nugroho [7] assert that websites play a pivotal role in Islamic education by serving as interactive learning platforms that cater to a diverse demographic, ensuring equitable access to religious knowledge.

Empirical studies further substantiate the efficacy of websites in academic and educational contexts. Research conducted by Firgia & Nurcahyo [8] demonstrates that the incorporation of web-based platforms significantly enhances the effectiveness of knowledge dissemination to a broader

audience. Within the framework of da'wah, this finding is particularly pertinent, as digital platforms transcend geographical limitations, enabling the seamless spread of Islamic teachings across different socio-cultural landscapes.

Moreover, a da'wah-oriented website functions not only as an informational repository but also as a hub for intellectual and social engagement. By incorporating interactive features such as discussion forums, live Q&A sessions, and virtual consultations with Islamic scholars, these platforms foster an environment conducive to in-depth discourse on religious matters. Such innovations augment the comprehensibility and retention of Islamic teachings, ensuring that da'wah efforts remain dynamic, participatory, and adaptable to the evolving digital landscape, ultimately strengthening the religious and educational engagement of the Muslim community.

2.3 Implementation of Technology in Da'wah: Case Studies

Several studies have demonstrated the effectiveness of utilizing technology in the dissemination of Islamic teachings. Numerous empirical studies have underscored the efficacy of integrating technology into the dissemination of Islamic teachings, demonstrating its transformative impact on accessibility, engagement, and pedagogical efficiency:

a. **Islamic Studies Application Portal:** Research conducted by Muslim et al. [1] explored the development of an Android-based application designed to facilitate access to Islamic studies within the Majelis Ta'lim community. This digital platform enables users to retrieve religious study materials at their convenience while actively engaging in interactive discussions. The study highlights the significance of mobile applications in broadening the scope of Islamic education and fostering continuous learning beyond physical gatherings.

b. **Implementation of Information Systems in Da'wah:** Guntur [9] examined the deployment of information systems within Islamic boarding school (Pesantren) da'wah institutions. The findings indicate that digital infrastructures significantly enhance the efficiency of knowledge dissemination, streamline the distribution of educational materials, and improve interaction between students and the broader Muslim community. This research reinforces the role of digital platforms as catalysts for increasing engagement and participation in religious education.

c. **Integration of Online Information Systems in Islamic Education:** Hidayat & Hati [10] investigated the application of the Rapid Application Development (RAD) methodology in the design and implementation of an online report card system for Islamic educational institutions. The study concluded that the RAD approach optimizes system development processes, leading to improved efficiency in data management and administrative operations. This technological integration underscores the potential of information systems to enhance the organization and accessibility of educational records in Islamic learning environments.

Collectively, these studies affirm that technological advancements provide innovative solutions for modernizing Islamic education and da'wah efforts. The strategic implementation of digital platforms fosters a more structured, inclusive, and dynamic approach to religious knowledge dissemination, ensuring sustained engagement across diverse communities.

III. RESEARCH METHODOLOGY

This study employs the Rapid Application Development (RAD) method, which consists of four main stages. The systematic development of a digital platform for Islamic education necessitates a structured methodology to ensure optimal functionality, user engagement, and effective knowledge dissemination. The process encompasses the following key phases:

a. **Requirement Planning:** The initial phase involves a comprehensive needs assessment through empirical data collection, employing observational techniques and structured interviews. This stage is critical in identifying existing challenges and formulating precise user requirements to inform subsequent development stages. Understanding the behavioral patterns and expectations of users ensures that the system aligns with the intended objectives of accessibility and educational efficiency.

b. **System Design:** Following the requirement analysis, the system architecture is meticulously designed, incorporating user-centric prototypes and detailed technical specifications. This phase involves wireframing, database structuring, and interface development to enhance usability and interactivity. The integration of user feedback into the design process fosters an intuitive and efficient digital learning environment tailored to the needs of the Islamic educational community.

c. **Development and Implementation:** The development phase entails the practical execution of the system design, utilizing a combination of programming languages and technologies such as HTML, CSS, JavaScript, PHP, and MySQL. These technologies facilitate the creation of a dynamic, responsive, and database-driven web platform capable of delivering comprehensive Islamic educational content. The implementation phase ensures the integration of core functionalities, including content management systems, discussion forums, and interactive modules for an enriched learning experience.

d. **Testing and Evaluation:** To ascertain system reliability and effectiveness, rigorous testing is conducted using the Black Box Testing methodology. This approach evaluates system functionality based on input-output criteria without delving into internal code structures. User trials and feedback mechanisms further refine the platform, ensuring its operational efficiency, security, and adaptability to the evolving educational landscape of Islamic studies.



Figure 1. Rapid Application Development (RAD) [11]

3.1 Theoretical Analysis

The theoretical analysis in the development of a website as an information and Islamic study material-sharing platform at Majelis Ta'lim Petuah Bandung emphasizes the multi-model concept for material management and distribution. This concept allows study materials to be available in various formats, such as text, audio, and video, catering to different user preferences.

The theoretical foundation for developing a website as an Islamic study material-sharing platform at Majelis Ta'lim Petuah Bandung is based on the multi-model concept, which optimizes material management and distribution. This approach ensures that educational resources are available in diverse formats, including textual documents, audio recordings, and video content, catering to varying user learning preferences and enhancing knowledge retention.

Multi-platform accessibility is a crucial aspect of this development, ensuring seamless access to the platform across multiple devices such as computers, tablets, and smartphones. By incorporating responsive design principles, the system guarantees an optimal user experience regardless of the device being used. Additionally, interactive components, including discussion forums and comment sections, promote engagement and facilitate a collaborative learning environment within the online Islamic study community.

To ensure an efficient and user-centered development process, the Rapid Application Development (RAD) methodology is employed. This iterative approach prioritizes continuous user feedback, allowing for swift refinements and enhancements. The technological framework supporting this platform includes HTML, CSS, JavaScript, PHP, and MySQL, which collectively contribute to a dynamic, responsive, and database-driven website. These technologies enable efficient content management, secure data handling, and real-time user interactions, further enriching the educational experience.

Ultimately, the integration of the multi-model approach enhances the accessibility and distribution of Islamic knowledge, significantly expanding the reach of da'wah efforts. By leveraging digital innovation, this platform fosters an inclusive and interactive educational ecosystem, bridging traditional and modern methodologies to optimize religious learning and community engagement.

Here are some aspects needed to analyze system usage:

TABLE I SYSTEM USAGE ANALYSIS	
User	Access Rights
Admin	Able to manage user accounts, verify materials and videos, and answer questions
Speaker	Able to add materials and videos, and answer questions
Community	Able to access materials and videos, as well as create and answer questions..

3.2 Procedural Design

The design in this procedural approach is illustrated using the use case diagram and class diagram below:

1. Use case Diagram

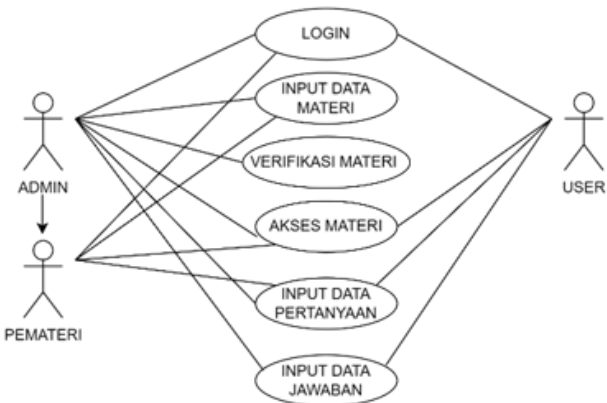


Figure 2. Use Case Diagram

2. Class Diagram

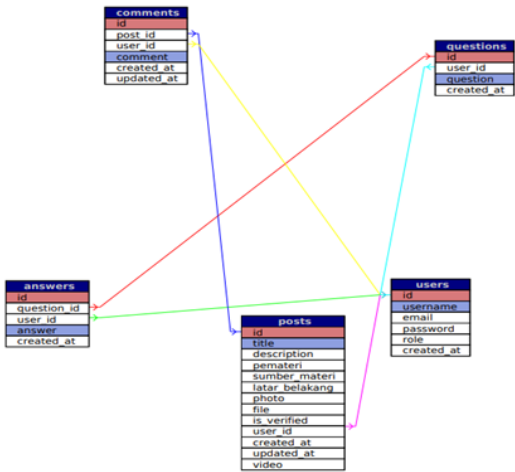


Figure 3. Class Diagram

3.3 Testing

The testing is conducted using the black box method as follows:

TABLE II
TESTING CASE

No.	Testing Class	Test Case
1.	Login testing	User verification by checking existing username and password
2.	Profile management	a. Input user b. Delete user
3.	Video material management	a. Input new video
4.	Article material management	a. Input new video
5.	Material display	a. Opening PDF material files, playing videos, adding comments
6.	Material verification	a. Material verification
7.	Q&A forum	a. Input question b. Input answers

IV. RESULT AND DISCUSSION

The Majlis Ta'lim Petuah Bandung website that has been developed features the following key functionalities. The Majlis Ta'lim Petuah Bandung website has been developed to optimize the dissemination of Islamic study materials and enhance interaction among users through a structured and technologically advanced platform. The key functionalities of this system are designed to improve accessibility, engagement, and data security, ensuring an efficient and user-friendly learning experience.

a. Material Management: The platform allows speakers to upload educational materials in multiple formats, including PDF documents and video content. This feature ensures that congregation members can access the study materials anytime, facilitating continuous learning and enabling users to revisit previous lessons for better comprehension and retention.

b. Discussion Forum: A dedicated discussion forum is integrated into the system, allowing members to engage in scholarly discussions, pose questions, and seek clarifications regarding the delivered materials. This interactive feature fosters dynamic engagement within the online learning environment, enhancing knowledge-sharing and collaborative learning.

c. Accessibility and Ease of Navigation: The website is designed with a user-friendly interface that prioritizes intuitive navigation. A structured layout ensures that users can easily locate and access desired materials, contributing to a seamless user experience. Additionally, the platform is optimized for multi-device accessibility, allowing users to access it via computers, tablets, and smartphones.

d. Data Security: To maintain the integrity and confidentiality of user data, the system incorporates authentication and authorization mechanisms. Secure login credentials and role-based access control measures are implemented to prevent unauthorized access and ensure that sensitive information is protected.

e. System Effectiveness: Testing results demonstrate that the website significantly improves the dissemination of fiqh of worship materials, fostering greater interaction between speakers and congregation members. Moreover, the digital platform enhances data management efficiency, reducing reliance on traditional methods and improving the overall effectiveness of Islamic knowledge distribution.

V. CONCLUSION AND RECOMMENDATIONS

The development of a web-based information and material-sharing platform for fiqh of worship at Majlis Ta'lim Petuah Bandung has addressed the limitations of traditional methods. This web-based system is expected to expand the reach of Islamic da'wah and provide greater benefits to the community.

The development of a web-based information and material-sharing platform for fiqh of worship at Majlis Ta'lim Petuah Bandung has addressed the limitations of traditional methods, significantly improving accessibility, engagement, and knowledge dissemination. Conventional approaches to religious education, such as in-person sermons and printed material distribution, often face challenges related to reach, time constraints, and logistical limitations. The digital transformation facilitated by this platform enables more efficient access to Islamic teachings, fostering a broader and more interactive learning environment.

This web-based system is designed to accommodate the growing demand for online religious education by offering structured content in diverse formats, including text, audio, and video. The integration of interactive features, such as discussion forums, ensures dynamic engagement among users, creating a collaborative space where learners can ask questions and seek clarifications directly from educators and peers. Additionally, multi-platform accessibility allows users to access learning materials seamlessly across different devices, enhancing convenience and flexibility in religious studies.

Furthermore, the platform incorporates advanced security measures, including authentication and authorization protocols, to safeguard user data and maintain the integrity of the educational resources provided. The implementation of systematic content management ensures that study materials remain organized and easily retrievable, optimizing the overall user experience. These features collectively contribute to a more structured, efficient, and scalable approach to Islamic knowledge dissemination.

To further enhance the effectiveness and reach of this digital da'wah initiative, several key areas for future development have been identified:

a. Consultation Features with Fiqh Experts: One of the significant enhancements for the platform is the integration of real-time consultation features that allow users to seek guidance from qualified fiqh scholars. This functionality can be facilitated through live chat, video conferencing, or scheduled Q&A sessions, ensuring that learners receive accurate and timely religious guidance. Implementing an expert-driven

advisory system will strengthen the credibility and educational value of the platform, making it a more reliable resource for Islamic jurisprudence studies.

b. Integration with Social Media Platforms: To expand the reach of da'wah and engage a larger audience, the platform can be integrated with social media channels such as Facebook, Instagram, and YouTube. Social media integration will enable the automatic sharing of new content, live-streamed lectures, and discussion highlights, increasing visibility and user interaction. This approach aligns with modern digital communication trends, ensuring that Islamic teachings remain accessible and relevant to contemporary audiences.

c. Regular System Evaluation and Maintenance: Continuous evaluation and system optimization are crucial to maintaining a high-quality user experience. Regular feedback collection from users, coupled with performance monitoring, will facilitate timely updates and improvements. Employing analytical tools to assess user engagement patterns can provide insights into content effectiveness and user preferences, guiding future content development strategies. Additionally, ensuring cybersecurity resilience through regular updates and security audits will protect user data and maintain system reliability.

The integration of technology into Islamic education has far-reaching implications for both learners and educators. By leveraging digital innovation, the Majelis Ta'lim Petuah Bandung platform not only preserves traditional religious teachings but also modernizes their delivery to align with contemporary learning needs. This initiative supports lifelong learning by providing unrestricted access to religious resources, allowing individuals to enhance their understanding of fiqh of worship at their own pace.

Moreover, fostering an interactive and inclusive online learning community helps bridge geographical barriers, enabling individuals from diverse backgrounds to participate in religious discussions and scholarly discourses. This global connectivity strengthens the sense of unity among Muslims and promotes a deeper appreciation of Islamic knowledge.

In conclusion, the development of this web-based platform marks a significant advancement in the field of digital da'wah, offering structured and interactive learning opportunities for the broader Muslim community. Future improvements, including expert consultation features, social media integration, and regular system maintenance, will further enhance the platform's effectiveness and impact. By continuously adapting to technological advancements and user needs, this initiative can serve as a sustainable model for the digital dissemination of Islamic knowledge, ensuring that religious education remains accessible, engaging, and impactful in the digital age.

VI. REFERENCES

- [1] B. Muslim, E. Susilawati, and E. Herdiana, "PORTAL APLIKASI KAJIAN ILMU KEISLAMAN BERBASIS ANDROID PADA MAJLIS TAKLIM DKM NURUL HUDA," *Jurnal Ilmiah Betrik* (Besemah Teknologi Informasi dan Komputer), vol. 13, no. 3, pp. 337–347, Dec. 2022.
- [2] P. Rahmawati and I. A. Pramesti, "Application of Bella H. Banathy's Instructional Design for Islamic Religious Education Subjects in the Digital Era at SMA Giki 2 Surabaya," *At-Ta'lim : Media Informasi Pendidikan Islam*, vol. 23, no. 1, p. 9, Jun. 2024, doi: 10.29300/attalim.v23i1.3909.
- [3] J. A. A. Aziz, *Fiqih Dakwah*, 7th ed. Iskandaria: Era Adicitra Intermedia, 2019.
- [4] M. M. Hamdi, "Pendampingan Praktik Ubudiyah Bagi Jama'ah Masjid At-Taubah Kalangan Mojoso Gondang Nganjuk," *Janaka, Jurnal Pengabdian Masyarakat*, vol. 2, no. 1, pp. 32–37, Nov. 2019, doi: 10.29062/janaka.v2i1.183.
- [5] M. Ifendi *et al.*, "Peningkatan Pemahaman Tentang Fiqih Ibadah Di Majelis Taklim At-Taqwa Dusun Lestari Jaya Sangatta Selatan," *Jumat Keagamaan: Jurnal Pengabdian Masyarakat*, vol. 3, no. 1, pp. 16–21, Apr. 2022, doi: 10.32764/abdima_agama.v3i1.2495.
- [6] A. Permatasari and S. Suhendi, "Rancang Bangun Sistem Informasi Pengelolaan Talent Film berbasis Aplikasi Web," *Jurnal Informatika Terpadu*, vol. 6, no. 1, pp. 29–37, Mar. 2020, doi: 10.54914/jit.v6i1.255.
- [7] A. Gunawan and A. T. Nugroho, "MEMBANGUN KESADARAN SPIRITUAL DAN MEWUJUDKAN KEKOMPAKANMASYARAKAT DENGAN MENGHIDUPKAN PENGAJIAN DI TENGAHMASYARAKAT," *Jurnal Pengabdian Pelitabangsa*, vol. 2, no. 1, pp. 14–17, Apr. 2021, Accessed: Apr. 21, 2025. [Online]. Available: <https://jurnal.pelitabangsa.ac.id/index.php/jabmas/article/view/773>
- [8] L. Firgia and A. C. Nurcahyo, "Perancangan Dan Pembuatan Company Profile Berbasis Website Sebagai Media Promosi Dan Informasi Pada Sekolah Tinggi Teologia Ekklesia Pontianak," *Journal of Information Technology*, vol. 1, no. 2, pp. 35–40, Sep. 2021, doi: 10.46229/jifotech.v1i2.198.
- [9] S. Guntur, "Perancangan Sistem Informasi Forum Lembaga Dakwah Pesantren Ibadurrahman," *Portal Riset dan Inovasi Sistem Perangkat Lunak*, vol. 1, no. 1, pp. 22–27, Jan. 2023, doi: 10.59696/prinsip.v1i1.5.
- [10] N. Hidayat and K. Hati, "Penerapan Metode Rapid Application Development (RAD) dalam Rancang Bangun Sistem Informasi Rapor Online (SIRALINE)," *Jurnal Sistem Informasi*, vol. 10, no. 1, pp. 8–17, Feb. 2021, doi: 10.51998/jsi.v10i1.352.
- [11] I. Musyaffa, "Metode Pengembangan RAD (Rapid Application Development)." Accessed: Apr. 21, 2025. [Online]. Available: <https://agus-hermanto.com/blog/detail/metode-pengembangan-rad-rapid-application-development>