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Website Information System Technology Shortcuts for Digital Solutions Profile MA Muhammadiyah 1 Bandung City

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Abstract

The community service team of academics and students from STMIK Mardira Indonesia initiated a project to improve the transmission of official information by MA Muhammadiyah 1 School to the broader community, especially in Bandung. The team concentrated on creating a web application that includes menu selection pages, a welcome page from the school principal, news pages showcasing the school's accomplishments, school activity pages, a contact person page, and a page detailing the school's location. The project's primary objective was to improve the efficiency and transparency of official information from MA Muhammadiyah 1 School.

The approach utilized encompassed the construction of information technology and training for website administrators to optimize the use of the constructed application. The outcomes of the successful project implementation were apparent in the profile website of MA Muhammadiyah 1 School. Implementing the website profile application enables the school to manage and disseminate official information about the institution. This community service project has substantially contributed to MA Muhammadiyah 1 Bandung by enhancing information technology for improved website profile administration. These measures are anticipated to be further refined to yield sustainable advantages for MA Muhammadiyah 1 Bandung and the Bandung municipal population, specifically.

Keywords: Website Profile Application, MA Muhammadiyah 1, Benefits of Applying Technology

Introduction

As a leading institution for secondary education, MA Muhammadiyah 1 in Bandung frequently needs help in effectively and promptly conveying official school information. Resource constraints and insufficient technological expertise impede the effective transmission of informative content. Implementing contemporary technology, such as developing a website profile, is an appropriate answer to overcome these challenges. By embracing contemporary technology, MA Muhammadiyah 1 in Bandung can augment operational efficiency, elevate transparency in disseminating official school information, and boost the interaction of website administrators and the community within the school context, particularly in Bandung. MA Muhammadiyah 1 in Bandung can enhance school information dissemination through an integrated online platform, hence improving the delivery of official information to the public. Establishing a website profile is not merely a stride towards efficiency; it also embodies and transforms digital information, facilitating the advancement of MA Muhammadiyah 1 in Bandung in the contemporary period

Launching the updated MA Muhammadiyah 1 online profile in Bandung aims to enhance the systematic transmission of official school information. This internet profile facilitates the transparent presentation of school activities, achievements, and other pertinent information, ensuring easy access for the community, particularly in Bandung. This is expected to enhance community engagement and participation in the sustainability of MA Muhammadiyah 1 in Bandung.

The MA Muhammadiyah 1 in Bandung internet profile provides easy access to information, fostering more engagement among user communities in all officially stated events. The clarity of information derived from official school communications can strengthen community trust in Bandung's MA Muhammadiyah 1 website profile. This internet profile is an internal resource for the school and a communication conduit between the community and the institution.

Studies indicate that implementing information technology in the development of school website profiles markedly improves the

transparency of official information and the efficiency of diverse school activities. However, a substantial disparity exists in the adoption of this technology across diverse schools, particularly in rural or remote metropolitan regions. This disparity is attributable to other causes, including constrained resources and insufficient comprehension of the advantages of technology concerning website profiles.

Consequently, the community service program aims to bridge this gap by offering technology-based solutions that are appropriate and readily adoptable by MA Muhammadiyah 1 in Bandung. By bridging this technological divide, MA Muhammadiyah 1 in Bandung is anticipated to serve as a model for other educational institutions, both urban and rural, in using technology to improve the transparency of official school information effectively.

The primary objective of this community service initiative is to establish a functional online profile for MA Muhammadiyah 1 in Bandung, serving as a platform for the dissemination of official school information. With this aim, it is anticipated that MA Muhammadiyah 1 in Bandung will gain recognition among the community, particularly in Bandung.

Method

The community service team of lecturers and students from STMIK Mardira Indonesia has embarked on a community service project to assist MA Muhammadiyah 1 in Bandung. The main focus of the team is to address the challenges faced by MA Muhammadiyah 1 in disseminating official school information to the wider community in Bandung, particularly focusing on the limitations of resources and technical knowledge hindering informative and real-time communication of official school information. Understanding the needs of MA Muhammadiyah 1 in Bandung is a crucial first step. The team has engaged in intensive and ongoing communication with the school, investigating the existing processes of disseminating official school information and listening to the

hopes and goals of MA Muhammadiyah 1 in Bandung. Subsequently, a well-thought-out plan was developed, outlining the necessary steps, allocating appropriate resources, and establishing an effective project implementation schedule. The process of creating the MA Muhammadiyah 1 in Bandung website profile has commenced. With dedication, the team has designed and developed a website profile that meets the school's expectations and needs. After going through the stages of design, development, testing, and implementation, the MA Muhammadiyah 1 in Bandung website profile is ready for use. However, the team's work is not complete as they must provide training to the website administrators/users. The team from STMIK Mardira Indonesia continues their activities by providing training to the website administrators/users to ensure they have sufficient knowledge to effectively utilize the website profile. Training focuses on the periodic deployment tools, website backup maintenance, and website management. After the launch of the MA Muhammadiyah 1 in Bandung website profile application, the team must monitor and evaluate its performance to ensure that it functions well, meets the needs, and provides the expected benefits to MA Muhammadiyah 1 in Bandung. The involvement of the school's surrounding community is also emphasized, with the hope that they will actively engage in using this website profile application. The community service team from STMIK Mardira Indonesia hopes that this project will provide sustainable and beneficial solutions for MA Muhammadiyah 1 in Bandung through strong collaboration and tireless dedication, aiming to make a significant positive impact on the larger MA Muhammadiyah 1 in Bandung family.

Results and Discussion

On October 31, 2023, faculty and students from STMIK Mardira Indonesia engaged in a community service initiative as part of the Tri Dharma of Higher Education. This initiative sought to benefit the broader community by developing a school website profile that highlights professional competencies through work examples, fosters a positive image with responsive design, provides comprehensive information, enhances

accessibility, and serves as a platform for disseminating official school information to the public in Bandung City.

The team has developed an original product named "MA Muhammadiyah 1 Kota Bandung Website Profile" as part of this community service project. The project's primary emphasis is MA Muhammadiyah 1 Kota Bandung, situated at Jl. Otto Iskandardinata 77B/95 Tegallega Barat, Bandung, West Java 40243. The project aims to engage participants from Formal Education Institutions / Madrasah Aliyah.



Figure 1. Location of Community Service Activities

The community service team seeks to improve efficiency and transparency in demonstrating professional capabilities, fostering a positive image, and enhancing accessibility to official school information for the broader community through an information technology-based digital solution.

The team leader and members have resolved to establish Intellectual Property Rights (IPR) to safeguard the intellectual property produced during the development of the website profile for MA Muhammadiyah 1 Kota Bandung as part of their ongoing community service project.

Under this project, the Website Profile MA Muhammadiyah 1 Kota Bandung application has been developed. Figure 2 depicts the primary page featuring the school website's menu options.



Figure 2. Main page of the MA Muhammadiyah School website

The subsequent page on the MA Muhammadiyah 1 Bandung City profile website features the principal's greeting, illustrated in figure 3.



Figure 3. The principal's welcome page

The subsequent page featured on the MA Muhammadiyah 1 Bandung City profile website is the school achievement news display page, seen in figure 4.



Figure 4. News display page - school achievement news

The subsequent page displayed on the MA Muhammadiyah 1 Bandung City profile website features the gallery of school events, as illustrated in figure 5.

Gallery



Figure 5. School activities gallery display page

The subsequent page on the MA Muhammadiyah 1 Bandung City profile website features the contact person and the school's location, as illustrated in Figure 6.

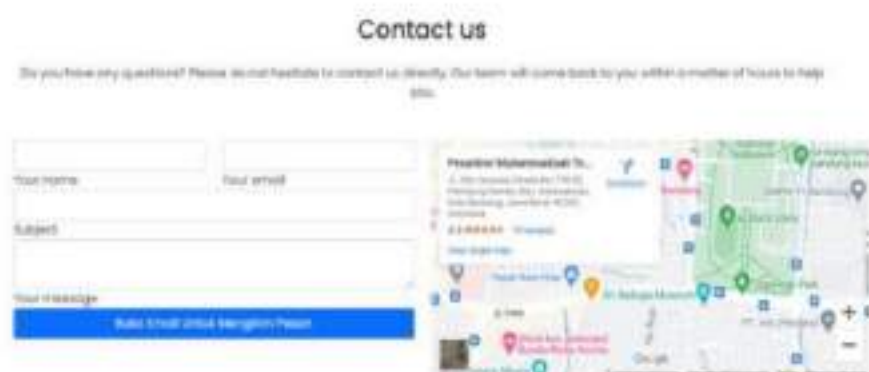


Figure 6. Page displaying contact person and school location

The MA Muhammadiyah 1 Bandung website profile is intended to facilitate stakeholders' access to extensive information regarding the institution. This program aims to enhance the efficiency and transparency of the accessibility process and dissemination of official school information while delivering concrete advantages for formal educational institutions/Madrasah Aliyah.

Intellectual Property Rights (IPR) are essential, stemming from human ingenuity and innovation in developing valuable products or processes. Within this project's scope, intellectual property rights (IPR) encompass copyrights, patents, trademarks, and other rights pertinent to the establishment of the MA Muhammadiyah 1 Bandung website.

Safeguarding intellectual property rights is essential to protecting the community service team's diligence and ingenuity from exploitation. Possessing intellectual property rights enables the team to secure recognition and protection for their contributions and intellectual endeavors, allowing them to govern the application and usage of their work in compliance with relevant rules.

The choice to form IPR signifies the community service team's dedication to valuing originality, innovation, and diligence in their endeavor. With intellectual property rights established, it is anticipated that

the outcomes of this project would provide enduring advantages for MA Muhammadiyah 1 Bandung and motivate forthcoming community service initiatives.

Conclusion

The community service team of lecturers and students from STMIK Mardira Indonesia recently finalized a project to support MA Muhammadiyah 1 Bandung. The project encompassed needs assessment, online profile development, and website management training. Each step was executed with devotion and commitment.

Upon the successful completion of the project, the team leader and members convened to contemplate their experience. The resolution to safeguard Intellectual Property Rights (IPR) for the generated intellectual work represented a significant milestone in the project's conclusion. They acknowledged the need to protect and appreciate the creativity and innovation inherent in the MA Muhammadiyah 1 Bandung online profile.

In a contemplative setting, the community service team of educators and students from STMIK Mardira Indonesia determined that the initiative had yielded a valuable answer for MA Muhammadiyah 1 Bandung. To maintain the project's survival, it is essential to empower website management, develop collaborations, and persist in evaluations to improve the services offered. Dedication is essential to consistently enhance the utilization of the internet profile for MA Muhammadiyah 1 Bandung. The community service team, including instructors and students from STMIK Mardira Indonesia, asserts that adherence to these recommendations will yield immediate advantages and establish a basis for extensive development and empowerment in the future. They anticipate that each incremental action will yield concrete beneficial transformations for MA Muhammadiyah 1 Bandung and its stakeholders.

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