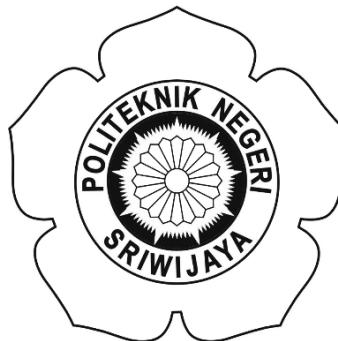


**THE DEVELOPMENT OF MASJID DIGITAL SIGNAGE SYSTEM FOR
ICC MSU**



FINAL PROJECT

**Prepared to Meet Requirements to Complete
Research Diploma IV Majoring Informatics
Management Sriwijaya State Polytechnic**

By :

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MOTTO AND DEDICATION

Motto:

“The brain as the source of thoughts must always be connected to the heart, a clean heart a clear mind will produce big ideas that can change life”

“Late doesn’t mean failure, fast doesn’t mean great. Being late is not a reason to give up, everyone has a different process. BELIEVE THE PROCESS is the most important thing, because Allah has prepared good things behind the word process that you think is complicated.”

(Edwar Satria)

I dedicate it to:

- Allah SWT the Almighty Giver of Help.
- Both parents and extended family who have prayed and given encouragement.
- I myself have completed this program.
- Lecturers who have guided me all this time.
- All friends who have provided support and help

ABSTRAK

Kemajuan teknologi telah memberikan dampak yang signifikan terhadap bagaimana informasi dapat disebarluaskan ke ruang publik, termasuk tempat ibadah, salah satunya masjid. Di masjid kita masih sering melihat bagaimana orang-orang menggunakan metode tradisional dengan menggunakan kertas, atau papan tulis dan hal ini dapat digantikan dengan solusi digital yang fleksibel, efisien dan lebih baik. Penelitian ini difokuskan pada pengembangan sistem digital signage yang hemat biaya dan fleksibel dalam melakukan upgrade untuk mendukung kebutuhan Pusat Kebudayaan Islam MSU. Sistem ini dibuat untuk menampilkan berbagai macam konten, seperti jadwal sholat, pengumuman acara, dan gambar atau poster. Sehingga dapat meningkatkan komunikasi dan koneksi antara ICC dengan masyarakat atau jamaah masjid. Dengan melakukan wawancara dengan imam masjid ICC MSU, peneliti menjadi tahu kebutuhan dari masjid ICC MSU sehingga dapat membuat sebuah sistem yang sesuai dan dapat dikembangkan lebih lanjut. Dengan memanfaatkan web browser, dapat membuat sistem informasi menjadi lebih fleksibel karena admin dapat mengaksesnya dimanapun dan dapat dengan mudah mengupgrade papan informasi. Serta dapat mengotomatisasi pekerjaan dan mempermudah pekerjaan staff dari ICC MSU

Kata Kunci: *papan informasi digital*

ABSTRACT

Advances in technology have had a significant impact on how information can be circulated and disseminated to public spaces, including places of worship, one of which is the masjid. In mosques we still often see how people use traditional methods using paper, or blackboards and this can be replaced by digital solutions that are flexible, efficient and better. This research is focused on developing a digital signage system which is cost-effective and flexible in upgrading to support the needs of MSU's Islamic Culture Centre. This system is made to display various kinds of content, such as prayer schedules, event announcements, and pictures or posters. So that it can increase communication and connectivity between ICC and the community or mosque congregation. By interviewing the imam of the ICC MSU mosque, researchers became aware of the needs of the ICC MSU mosque so that they could make a system that was suitable and further developed. By utilizing web browser, it can make the information system more flexible because the admin can access it anywhere and can easily upgrade the information board. And can automate work and simplify the work of staff from ICC MSU

Keyword : *digital signage*

FOREWORD

The authors would like to express their thanks to the presence of Almighty God for all the guidance, strength and health that He has given, so that the authors can complete this Final Project. This Final Project is entitled "**THE DEVELOPMENT OF MASJID DIGITAL SIGNAGE SYSTEM FOR ICC MSU**" and is the result of drafting during the Final Project.

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The author realizes that in this Final Project Report there are still errors and shortcomings. For this reason, the author hopes for constructive criticism and suggestions from all parties so that it can be even better in the future. Finally, the author hopes that this Final Project Report will be useful for readers, especially for students of the Informatics Management Department of Sriwijaya State Polytechnic and to increase insight, so that the expected goals can be achieved.

Palembang, September 2024

Writer

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