

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



FINAL PROJECT

**Prepared to Meet Requirements to Complete
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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.
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ABSTRAK

Kemajuan teknologi telah memberikan dampak yang signifikan terhadap bagaimana informasi dapat disebarkan dan 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 konektivitas 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 utilize 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.

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Writer

TABEL OF CONTENT

FINAL PROJECT	i
FINAL PROJECT REPORT APPROVAL SHEET	ii
MOTTO AND DEDICATION	iii
ABSTRAK	iv
ABSTRACT	v
FOREWORD.....	vi
LIST OF TABLE	x
LIST OF FIGURE	xi
CHAPTER I.....	1
INTRODUCTION.....	1
1.1 Introduction	1
1.2 Project Background	1
1.3 Problem Statement	2
1.4 Objective of the study	4
1.5 Significant Of the Study	4
1.6 Scope of the project.....	5
1.7 Summary	6
CHAPTER II	7
Literature Review.....	7
2.1 Introduction	7
2.2 Explanation of key terms and terminology	8
2.3 Reviewing of relevant literature and technologies.....	12
2.4 Review the development and applicability of appropriate and current ideas, method and product relevant	14
2.4.1 Critical of similar product systems	16
2.4.2 Review of similar products of systems	18
2.5 Summary	24
CHAPTER III	26
Methodology	26
3.1 Software Development Methodology	26

3.1.1	Chosen methodology and justification.....	26
3.1.2	Step by steps explanation of phase the chosen methodology ...	28
3.1.3	Research Methodology.....	30
3.2	Chosen research methodology and justification.....	31
3.2.1	Interview/Questioner design and sample	34
3.2.2	Analysis of interview or questioner data.....	36
3.2.3	Proposed system requirment	36
3.2.4	Proposed System Desing.....	37
3.3	UML modeling of purposed system.....	40
3.4	Uml diagram purposed system	41
3.5	Summary	48
CHAPTER IV		49
FINDING AND DISCUSION		49
4.1	Introduction	49
4.2	Result.....	49
4.3	System testing	51
4.3.1	System testing for admin login button	51
4.3.2	Dashboard for admin.....	51
4.3.3	Iqomah.....	52
4.3.4	Database masjid information system	52
4.3.5	Database function.....	53
4.3.6	YouTube Access	53
4.4	Discuss	54
4.5	Summary	55
CHAPTER V		56
CONCLUSION AND RECOMMENDATION		56
5.1	Conclusion.....	56
5.2	Recommendation.....	57
5.3	Summary	57
APENDIX A		59
SYSTEM USER MANUAL		59
Bibliography		64

LISTING CODE	68
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LIST OF TABLE

Table 2 1. Product Comparison Product Masjid Box Signage and New Signage	20
Table 2 2. Product Comparison Msu existing Signage and New Signage.....	22
Table 2 3 Comparison Tabel led based and new digital signage	23
 Tabel 3. 1 Hardware Specification.....	 37
Tabel 3. 2 Software Specification	37
Tabel 3. 3 Methodology Comparison	38
Tabel 3. 4 Identification of actor and use case.....	40

LIST OF FIGURE

Figure 2. 1.2 Masjid Box Set top Box.....	19
Figure 2. 2. Masjid Box Home Screen	19
Figure 2. 3. MSU existing Digital Signage Home Screen	21
Figure 2. 4. MSU existing Digital Signage Home Screen	21
Figure 2. 5 Traditional Led Based Information Board.....	23
Figure 3. 1 Agile Methodology Cycle.....	28
Figure 3. 2 Interview Question	34
Figure 3. 3 Use Case Diagram	40
Figure 3. 4 Activity diagram admin login.....	41
Figure 3. 5 Picture management.....	42
Figure 3. 6 Masjid activity diagram	43
Figure 3. 7 Class diagram	44
Figure 3. 8 Sequence diagram login.....	45
Figure 3. 9 Masjid activity management.....	46
Figure 3. 10 Flowchart diagram	47
Figure 4. 1 Homepage of screen masjid.....	50
Figure 4. 2 Admin login form	51
Figure 4. 3 Iqomah pop up	52
Figure 4. 4 Masjid screen database	52
Figure 4. 5 Database successfully redirected to infaq and total	53
Figure 4. 6 You Tube access in main page	53
Figure 4. 7 Inserting You Tube link.....	54
Appendix 1 Masjid screen main page	59
Appendix 2 Admin login form.....	60
Appendix 3 Inserting activity list.....	61
Appendix 4 Infaq dashboard	61
Appendix 5 Inputting picture/poster	62
Appendix 6 You Tube input dashboard	62
Appendix 7 You Tube input dashboard	63

