

HOSPITAL MANAGEMENT SYSTEM



FINAL PROJECT

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By:

**M Ridho Faza Alkahfi
061940832779**

**INFORMATICS MANAGEMENT DEPARTMENT
POLITEKNIK NEGERI SRIWIJAYA
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Jalan Srijaya Negara Bukit Besar - Palembang 30139 Telepon (0711) 353414

Laman : <http://polsri.ac.id>, Pos El : info@polsri.ac.id

FINAL PROJECT REPORT APPROVAL SHEET

Name : Muhammad Ridho Faza Alkahfi
NIM : 061940832779
Course/Academic Program : Informatics Management / DIV Informatics Management
Final Project Title : Hospital Management System

Has been examined in the Final Project Examination on May 30th, 2023,
facing the Examination Committee of the Department of Informatics Management,
Politeknik Negeri Sriwijaya.

Palembang, 6 September 2023

Acknowledged by,
Head Of Department
Informatics Management

Supervisor

Dr. Indri Ariyanti, SE.,M.Si
NIP. 197306032008012008

Rika Sadariawati, SE.,M.Si.
NIP. 197302232002122001



MOTTO

“O you who believe, make patience and prayer your helper, verily Allah is with those who are patient”

[Q.S. Al-Baqarah: 153]

“Indeed, after hardship there is ease”

[Q.S. Al-Insyirah: 6]

“Sometimes things work out just the way you want. Sometimes they don’t. But you have to hang in there because 90% of being the best is just keep trying”

[M Ridho Faza Al Kahfi]

I dedicate it to:

- Both parents and extended family
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 - Supervisor
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ABSTRAK

Proyek ini berfokus pada pengembangan sistem pendaftaran janji temu online untuk sistem manajemen rumah sakit untuk mengatasi beberapa masalah yang diidentifikasi dalam sistem yang ada. Saat ini, beberapa rumah sakit mewajibkan pasien untuk mengunjungi rumah sakit secara fisik untuk melakukan registrasi, sehingga menimbulkan potensi ketidaknyamanan dan pasien ditolak jika slot registrasi sudah penuh. Selain itu, sistem nomor antrian tidak diterapkan secara konsisten sehingga menyebabkan kebingungan dan inefisiensi. Selain itu, dokter kekurangan informasi pasien yang tepat waktu dan akurat, sehingga memerlukan komunikasi manual. Untuk mengatasi masalah ini, proyek ini bertujuan untuk mengembangkan aplikasi berbasis web yang ramah pengguna. Pasien akan dapat dengan mudah mendaftar dan menjadwalkan janji temu secara online, memilih nomor antrian pilihan beserta tanggal dan waktu janji temu, serta menerima informasi nomor antrian melalui perangkatnya. Selain itu, dokter akan menerima informasi pasien dan jadwal janji temu melalui email, memperlancar komunikasi dan meningkatkan efisiensi.

Kata Kunci: Teknologi informasi, Rumah sakit, Registrasi online, Aplikasi berbasis web

ABSTRACT

This project focuses on developing an online appointment registration system for the hospital management system to address several issues identified in the existing system. Currently, some hospitals require patients to physically visit the hospital for registration, leading to potential inconvenience and patients being turned away if the registration slots are full. Additionally, queue number systems are not consistently implemented, causing confusion and inefficiency. Furthermore, doctors lack timely and accurate patient information, resulting in the need for manual communication. To address these concerns, this project aims to develop a user-friendly web-based application. Patients will be able to easily register and schedule appointments online, choose their preferred queue number along with the appointment date and time, and receive queue number information through their devices. Moreover, doctors will receive patient information and appointment schedules via email, streamlining communication and improving efficiency.

Keywords: *Information technology, Hospitals, Online registration, Web-based applications*

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