

PERANCANGAN SISTEM INFORMASI MONITORING PENGADAAN OBAT DI INSTALASI FARMASI RUMAH SAKIT UMUM ZAHIRAH JAKARTA SELATAN

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Abstrak

Pada saat ini informasi yang cepat, akurat dan tepat waktu sangat dibutuhkan. Keterlambatan dalam menyajikan informasi yang dibutuhkan akan menyebabkan informasi tersebut tidak relevan dan efisien bagi penerimanya. Setiap tahun proses pengadaan obat di rumah sakit zahirah mengalami peningkatan, selama ini sistem informasi monitoring yang di gunakan belum mencakup seluruh aspek proses pengadaan obat dan masih belum terintegrasi dengan bagian gudang, farmasi dan kasir, untuk itu perlu dibuat perancangan sistem informasi yang mampu memonitoring dan terintegrasi sehingga memudahkan proses pengadaan obat. Metode perancangan yang digunakan yaitu *Waterfall* yang merupakan pendekatan alur proses perangkat lunak secara sekuensial dimulai dari analisis, desain, pengkodean, pengujian dan implementasi. Analisis sistemnya menggunakan metode PIECES (*Performance, Information, Economy, Control, Efficiency, Service*). Penelitian ini membuktikan bahwa sistem informasi monitoring pengadaan obat yang dirancang dapat meningkatkan pekerjaan dibagian gudang, farmasi dan kasir, sehingga rumah sakit zahirah menjadi rumah sakit yang memberikan pelayanan informasi pengadaan obat yang baik, akurat, tepat waktu dan relevan

Kata Kunci : Perancangan sistem informasi, Pengadaan Obat, Monitoring, PIECES dan *Waterfall*

THE DESIGN OF INFORMATION SYSTEM MONITORING THE PROCUREMENT OF DRUGS IN PHARMACEUTICAL INSTALLATIONS ZAHIRAH GENERAL HOSPITAL IN SOUTH JAKARTA

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Abstract

At the present time, information that is fast, accurate and timely is very much needed. Delays at presenting needed information will cause the information isn't relevant and efficient anymore by the receiver. The medicines procurement process in the Zahirah Hospital increasing every year, during this time monitoring information system in use have not covers all of aspect medicines procurement processes and hasn't integrated to the warehouse, pharmacy, and cashier. For that reason, to do this, it was necessary to make particular in the design information systems that capable of being on the monitoring of and integrated which makes it easy for procurement processes applicable of the medicines. The design method used in this system is Waterfall which is an approach the process of software began in sequential of analysis, design, encoding, testing and implementation. The system analysis method used is PIECES (Performance, Information, Economy, Control, Efficiency, Service). This observation proof that the information system monitoring medicines procurement which designed can help to improve the job at the warehouse, pharmacy, and cashier, so that Zahirah Hospital can become a hospital which gives services for good, accurate, timely and relevant medicines procurement information.

Kata Kunci : *Design of Information System, Drug Procurement, Monitoring, PIECES dan Waterfall*