

INTISARI

SISTEM *MONITORING* PENGGUNAAN RUANGAN SEKOLAH VOKASI BERBASIS WEB, UNIVERSITAS GADJAH MADA

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Monitoring penggunaan ruangan Sekolah Vokasi UGM saat ini, pegawai melakukan pengawasan ruangan yang ada melalui catatan dipapan tulis dan mengecek surat peminjaman yang masuk. Pada papan tulis terdapat informasi mengenai waktu ruangan yang dipinjam. Informasi peminjaman ruangan didapatkan dari proses awal peminjam melakukan peminjaman ruangan yang menanyakan kepada pegawai bagian aset yang bertugas menangani peminjaman ruangan. Apabila ruangan kosong maka peminjam dipersilahkan mengajukan surat peminjaman ruangan ke kantor KPTU Sekolah Vokasi UGM. Namun terkadang pihak KPTU dan pegawai bagian aset yang menangani peminjaman ruangan dalam memberikan informasi kepada peminjam kurang valid, sehingga menimbulkan beberapa permasalahan. Selain itu pegawai juga mengalami kesulitan dalam hal *monitoring* penggunaan ruangan yang ada.

Berdasarkan masalah tersebut, dibuat sistem *monitoring* penggunaan ruangan Sekolah Vokasi UGM untuk menangani masalah informasi ketersediaan ruangan yang kurang valid dan mempermudah pegawai *monitoring* ruangan yang ada.

Sistem ini dibangun dengan menggunakan bahasa pemrograman PHP dibantu dengan *framework* CodeIgniter, Javascript dengan *framework* JQuery, *Webserver Apache*, dan MySQL untuk pengelolaan basis datanya. Tujuan dibuat sistem berbasis web agar *monitoring* penggunaan ruangan dapat dilakukan secara terpusat dan mempermudah pegawai melakukan pengelolaan data peminjaman, serta *monitoring* dapat dilakukan secara *online* dengan memanfaatkan jaringan internet yang sudah berkembang pesat.

Kata Kunci: Sistem *Monitoring*, Ruangan, PHP, dan MySQL.

ABSTRACT

WEB-BASED SYSTEM FOR ROOM MONITORING UTILIZATION OF VOCATIONAL COLLEGE, UNIVERSITAS GADJAH MADA

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Nowdays, monitoring room utilization of Vocational College, Universitas Gadjah Mada, the employee did monitoring room that had been existed through notes on the board and checked the borrowing letter that had been received. On the board, there was information about time of borrowing room. It was gotten from the first process of the borrower borrowed the room who asked to the employee of asset division who had duty to handle the borrowing room. When the room was empty, the borrower was allowed to submit the letter of borrowing room to KPTU of Vocational College, UGM. But, sometimes, KPTU and the employee of asset division gave the incorrect information to the borrower. Thus, it caused some problems. Beside that, the employee also had difficulties in using monitoring room that had been existed.

Based on those problems, the writer made system of room monitoring utilization of Vocational College, Universitas Gadjah Mada to handle the problems of information room that availability which was incorrect and to make the employee easier in monitoring the room that had been existed.

This system was made by language program PHP that was helped by framework CodeIgniter, Javascript with framework JQuery, Webserver Apache, and MySQL to manage its data based. The aim of making this web-based system in order that monitoring the room usage could be done centrally and made the employee easier in managing the data usage, and also monitoring could be done in online manner with took the advantages of internet network that had developed rapidly.

Key Words: Monitoring System, Room, PHP, and MySQL.