

ABSTRACT

Currently, network technology is growing rapidly not only from the side of the device, but also from the application and transmission systems that digunakan. Kimia Pharma is a health facility that requires a reliable information system to the patient or the user can quickly access health information needed. Health information systems in today's Kimia Farma is still done manually that is, pengaksesan information is still done by phone or come directly to the perceived lack klinik. Hal effective and efficient as possible due to the failure of calls to busy telephone lines or the human factor. In this Final project describes the design of health information systems and web based sms. With this system the user just simply by sending an sms to Kimia Farma and the user will automatically receive an sms from Chemical Farma. Tujuannya to shorten the process of accessing information, streamline processes and optimize data .

This Final Project created a system that surrounds the facility sacara accessing online information via the web and created using hardware sms. Sistem Hp Sony Ericsson K530i GSM, data cable and a laptop with certain specifications and the software using gammu, XAMPP 1.6.2 and PHP. Sisem test conducted using several denagn is sekenario test, using a single user and accessing conducted several intended users are untuk test bersamaan. Pengujian delay and the interest user using of sistem. From the results of tests conducted on siatem, obtained 87.3% of users are interested in using the system are made, the user can be said sehingga quite satisfied and delays in accessing sms info quite small, between 0-9 seconds. To access the web, the server can menlayani user demand of 700 users simultaneously.

Keyword: PHP, MySQL Browser , XAMPP , GAMMU