ABSTRACT

APPLICATION DEVELOPMENT HOUSE MONITORING SYSTEM USING MEDIA-BASED SMS TO EMAIL, SMS GATEWAY AND LIVE IMAGE CAPTURING

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Along with the times, also increased monitoring of technological developments or supervision of a place or location. monitoring initially done manually by placing the power to chill location supervisor is supervision. However, monitoring technology, supervision can be done through a camera that can monitor a site with an unlimited range and can provide detailed information and accurately through a device that can display the results of monitoring data.

With the development of mobile technology, especially in the GSM and GPRS, which provides SMS (Short Messaging Service) you can send an sms and email in the form of POP and IMAP on the phone, it is possible acceptance and demand for monitoring data can be done. To monitor a room house, home owners can monitor the house by sending an SMS message reply to the application will take a picture and send the monitoring results of the image data to the email sender. In this system uses a method of research methodology that describes the problem deskriftif is happening in the field as it is. Then analyze and explain the data by using waterfall method.

From the test results, obtained by conclusion that the application is made to help home owners to monitor the home via SMS messages. Facilitate the reception of information and time.

Keywords: Data, Systems, Monitoring, SMS Gateway, Email.