SYSTEM IMPLEMENTATION AND SCHEME SCHEDULING OF DOCTOR CONSULTANCY TO PATIENT VIA SMS GATEWAY IN RAJAWALI HOSPITAL BANDUNG

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ABSTRACT

Information technology is part of media which applied to submit message at much people. Progress of very fast technology alter man life style becoming completely easy and practical. Technological attended by giving amenity - amenity to an problem faced by public. One of applied plenty of technology and very popular by cellular telephone consumer in this time is SMS (Short Message Service). With SMS, have many in applications implementations - the application of being based on SMS in this time, like for example quiz, polling, forum, even can also for business applications like ordering of goods.

Rajawali hospital is Company which active in humanity specially heart, this time scheduling of doctor consultancy in the hospital still conventional spelled out members, in consequence the side of hospital wish existence of a system of scheduling of consultancy using technology which one of them base on SMS. Because with SMS can facilitate to know schedule when doctor at one's post.

With this service concept result of patient can do registration without having to direct to come to hospital, enough only sending SMS to this information service, hence automatically would in direct response by patient information service in the hospital. The procedure same as at ordinary registration, but can be done any time and where from only.

Keyword : SMS, Scheduling, Patient

CHAPTER I PENDAHULUAN

Rajawali hospital is Company which active in humanity specially heart. Based on interview result with the side of Hospital, this time scheduling of doctor consultancy in the hospital still conventional spelled out members, by the way of to come to hospital pay for to part of information and get queue number which given to the doctor without doctor schedule soybean cake which in consulted at one's post or no. Till now the doctor there is in place or not by the way of to come to hospital and ask to the part of doctor information there or there is no, if simply the doctor there no automatically come home or change with other doctor. Dan will harm patient, in consequence the side of hospital wish existence of a system

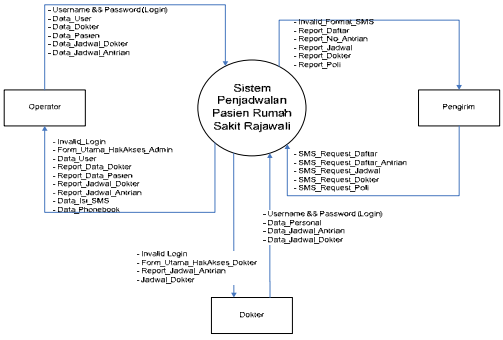
of scheduling of consultancy using technology which one of them base on SMS.

CHAPTER II LANDASAN TEORI

SMS Gateway work by the way of connecting Handphone having facility SMS with computer (PC) as the automatic operator. Both will be connected by a[n data cable from the Handphone matching with serial of the port in PC. Communications between Handphone with PC will apply serial programming language of ports.

CHAPTER III ANALISIS DAN PERANCANGAN SISTEM

Diagram context is main data stream device which done by is decomposition to level is higher level to process happened stand-out



Gambar 3.3. Diagram Konteks Sistem penjadwalan

CHAPTER IV IMPLEMENTASI DAN PENGUJIAN

Examination is method which done to explain concerning pengoprasian software consisting of examination peripheral, examination method and execution of examination.

In examination of system there are some format sms, to be able to access as member sms by etic in SMS as in under this :

Type : ENLIST
Sent : No_operator
Answer : ": Now You Have enlisted as member SMS with No PIN: .....:..... Don'T lose"
Description : The list format for enlisting as member SMS on condition that have to enlist as member hospital beforehand.

CHAPTER V KESIMPULAN DAN SARAN

CONCLUSION

Based on analysis result which got in good examination alpha and also betha, and also adapted purpose of early from this skripsi, hence obtained by is conclusion as:

1. The application of which made matching with the one which expected because of can assist part of process inside information scheduling of patient.
2. The application of which woke up can lessen density of patient queue.
3. The application of which woke up can give amenity and relatively quickly in scheduling of doctor consultancy.

ADVICE

Following is some suggestions for development of softwares:

1. Existence of a appearance facility or form which later at the appearance applied for report summarizing patient data per month.
2. Appearance in program to be made more draw or user friendly so that user don't bored in using program.
3. Hardware (HP Server) which applied can vary as according to desire of user.

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