

ABSTRACT

ANALYSIS AND DESIGN INFORMATION SYSTEM MEDICAL RECORD WAY CARE OF KARYA ASIH PALEMBANG

**METHA MAGDALENA
NIM : 4.07.15**

**MAJOR OF INFORMATION SYSTEM
SEKOLAH TINGGI TEKNIK MUSI
PALEMBANG
2012**

Karya Asih Charitas Hospital is one in Palembang Hospital. Based on observations, data processing and information retrieval outpatient done manually. So that work processes are not effective and efficient in terms of processing time report. Therefore, to boost the service it is necessary to design information system of outpatient medical records in the work of Karya Asih Charitas Hospital Palembang.

Development system used is FAST. Which consists of several phases. The first phase is to observe directly the definition of the scope of the company's operational processes, the second phase of the analysis of problems within the company, the third phase of requirements analysis using the framework of Pieces, the fourth phase of decision analysis provides an assessment and advice. These five logical design phase to design the system in the form of DFD, flowchart, data tables, and ERD, the sixth phase of the construction and testing. Testing is performed only limited functional system using blackbox testing.

The result gives the ease of administration in the creation of data processing reports and seek outpatient information, so the work becomes more effective and efficient that can benefit the work of Karya Asih Charitas Palembang.

Key words : Medical Records, FAST and PIECES, Black-box Testing