

THE APPLICATION OF THE ORGANIZATION GOAL-ORIENTED REQUIREMENTS ENGINEERING (OGORE) METHOD FOR THE APPLICATION CHECKING DRUG STOCK AT PHARMACIES

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ABSTRACT

Pharmacy is a place that provides health care in the form of medicines. The use of a drug checking system in a pharmacy is also important to support the organizational process. However, many problems occur in the Requirements Engineering process or phase where developers try to meet user needs. These problems can also increase user needs which are always changing and increasing. Organization Goal-Oriented Requirements Engineering (OGORE) is a Requirements Engineering method that focuses on organizational needs and is expected to minimize risks that arise from user needs based on their personal desires. The development method used in making the system is the RAD method. In this system testing is carried out using the black-box testing method. The aim of this research is to design a drug checking system at the Fieza Pharmacy by applying the OGORE method in determining needs. The results of this research are an elicitation of system requirements, a requirement elicitation obtained is notification of expired medicines and low stock, print reports (drug availability, incoming and outgoing medicine stock data), the system displays information about medicines that are nearing their expiry date, The system displays information about medicines that have expired, the system displays sales charts or graphs of outgoing medicines per year, the system checks sales and income of best-selling and non-selling medicines, calculates the total bought and sold medicines, calculates the total expenditure of incoming medicines, and calculates the total profit of medicines. exit which will be applied to a drug checking system at the pharmacy.

Keywords : *Pharmacy, Requirements Engineering, Stock, RAD and OGORE*