

ABSTRAK

Medika 24 clinic is one of first clinic that exist in Bandung District area. In Medika 24 clinic, the controlling of medicines included in not good category in the inventory, so that is the problem for clinic it self. The biggest problem is clinic have higher number for inventory than the demands in a year so this condition causing high cost in inventory only. This case can be happened because Medika 24 klinik cannot classified it first based on usage value and level of medicines critical in medicines control. When Medika 24 clinic order medicines to the supplier, they cannot define the inventory maximum and the inventory residual.

From the problem description, in this research done with medicines classification using ABC-VED analysis and implement inventory probability of Continous Review Method to generate inventory parameter that close optimal number as Hadley-Within calculation and waterfal method system for build system with java application finishing that meet the requirements.

Based on the problem, the purpose of this research is for building information system application especially with a kind of DSS (Decision Support System) with implemetating continous review method and waterfall according the order requirement from every medicines in the clinic medicine inventory. This DSS inventory policy has many advantages for user who using it like input new medicine data, delete and edit the existing medicine data and document generating for knowing how many medicine that should do the order from Medika 24 clinic to the supplier.

Key words: Overstock, continous review, decision system, inventory, waterfall