

## **ABSTRAK**

Dalam bidang farmasi terutama apotek, sebuah sistem informasi sangat penting dan dibutuhkan. Berbagai macam merk, jenis, dan dosis obat dapat membuat seorang apoteker kesulitan untuk mengetahui sirkulasi obat. Dengan adanya sistem informasi berbasis komputer maka semua pekerjaan dapat dikerjakan dengan seefisien mungkin.

Dalam makalah ini, penulis membuat analisa sistem sirkulasi barang dagangan Apotek Sanata Dharma dengan menggunakan metode *Unified Process* yang memiliki empat tahap yaitu *Inception, Elaboration, Construction* dan *Transition*. Dan pemodelan yang digunakan adalah *Unified Modelling Language*. Sistem ini memiliki fasilitas yang meliputi pencarian obat, pencatatan transaksi penjualan obat baik itu penjualan non resep, penjualan resep dan penjualan restitusi. Hasil analisa ini sudah sesuai dengan kebutuhan user.

## **ABSTRACT**

An information system at dispensary is a requirement. Without information system at dispensary, a pharmacist will find many difficulties in recognizing drugs circulation since there are various kinds and levels of drugs. Using computer based information system, a pharmacist can know exactly various kind and level of drugs that are in out dispensary.

In this paper, the writer made the analization of the circulation system for Sanata Dharma Dispensary. The system was developed using Unified Process method. There are four stages in Unified Process method, namely Inception, Elaboration, Construction and Transition. The modelling language that was used is Unified Modelling Language. The system provides facilities to search for drugs, to record transaction either non prescription drugs, or prescribed drugs, and to record restitution transaction. The result of analization was successfully because the system have been accordanced to user's need.