ABSTRACT

Apotek Angel is one of the pharamacies that has been established for a long time in Medan but does not have an integrated system from inventory, purschasing to sales. This pharmacy only records medicines that are sold and the recording process is still manual using a book so there are several obstacles and even mistakes when recording. Therefore, the author creates web-based applications using the PHP, CodeIgniter framework and MySQL database. The development process using a structured model, namely the Usecase Diagram dan Entity Relationship Diagram (ER-Diagram). With this integrated system, it will be able to produce an application that can record the supply and sale of medicines accurately and will automatically be stored in the database to minimize errors. This application can also generate general journals, ledgers, as well as reports and notifications of medicine status.

Keywords: inventory, sales, CodeIgniter, MySQL