

ABSTRACT

Apotek Bundaku is a trading company, where the company sells medicine. The process of purchasing drugs in the Apothecary Bundaku already using the application, the application of pharmacy bundaku medicine purchase. However, the application is still there are deficiencies because of frequent error or error in the application eg at the time of inventory inputs often occur mismatch in the database with the application and financial statements there are only journals. Then the application does not handle data loss medicine that has expired. At the time of purchase the pharmacist entered into an agreement with the supplier with the contents of the agreement regarding the return of medicine expired, if there is a medicine that has expired then it will be returned to the supplier and to reduce the loss of money will be returned half in accordance with expired medicine costs. Then the resulting report is only a purchase report and inventory report that has not been computerized.

With these problems then made object-oriented web-based applications and SDLC model with CodeIgniter programming on the purchase and supply of medicine aims to assist users in the process of purchasing drugs to suppliers that have been computerized so as to facilitate employees in making medicine purchases. Testing on this application using Black Box Testing by input then will display information after input. this application can check drug data and handle the expired drug data that can facilitate the employee at the time of returning medicine that has expired to the employee. This application can also generate reports of purchases and inventory of goods so as to facilitate the owner to know the data purchase and inventory data.

Keywords: Purchase, inventory, expired medicine, codeigniter framework