ABSTRACT

APPLICATION OF DRUG SALES IN DUA SAUDARA PHARMACY BANDUNG USING BARCODE BASED CLIENT/SERVER

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Pharmacy is a company engaged in the sale of medicines and health services, which the aim to help heal the people. Providing good service one of them is to increase the data processing system based on computerized drug inventory so that expected can improve the effectiveness of employment services to consumers and purchasers to be better.

Dua Saudara Pharmacy in data processing still using manual. This can lead to many a mistake in calculating drug prices, for ordering the drug is still doing recording, so that the resulting data is not accurate.

Requirements are in need to build the software using the Data Flow Diagram to illustrate the flow of data and Entity Relationship Diagram to create a design table structures and relationships inter tables. Databases created using MySQL 5.0. and applications developed using Borland Delphi 7.0. Results of this application development including sales, purchases, sales returns, purchase returns and making reports.

The results obtained after take testing based on the Alpha and Beta, for alpha testing knowable from the test of the black box and for beta testing obtained from the questionnaire.

Based on these results we can conclude that the software will be built is in the Pharmacy Drug Sales Application Dua Saudara Pharmacy using barcode based on client/server, to correct deficiencies that occurred so that the computerized drug information system processing can be reliably and avoid any losses incurred by pharmacy.

Keywords: Information System, Pharmacy, Databases