ABSTRACT

Ivan Auto Showroom is one of the businesses engaged in Micro, Small and Medium Enterprises (MSMEs) that sells used cars. This business is a trading company, this showroom provides four-wheeled vehicle products with Toyota Avanza, Toyota Kijang Inova, and Honda Jazz vehicle types. The product purchasing system is based on transactions that start with the company having difficulties in managing purchasing data, the purchasing system is from direct users, and entrusted. selling but the seller rarely uses it because it can't be predicted when this car will be sold. The owner gets 10 to 20 of the selling points for the company. Recording of purchases still uses a manual system which is recorded in the book so that storing sales and purchase data is still not neat and structured, so sales and purchase reports are not recorded clearly, for this reason an application is needed that can record car purchases and sales, the application can also analyze brand sales most cars sold. The reports generated are in the form of general journals, ledgers, and reports on purchases and sales. This application was built with object orientation, namely Unified Modeling Language (UML), Entity Relationship Diagram (ERD), and database storage using My Structure Query Language (MySQL). The method used in the design of Software Development Life Cycle (SDLC) application development. The testing technique uses Black Box testing. Generating program code using the CodeIgniter Framework with the Hypertext Preprocessor (PHP) language.

Keywords: Applications, Purchases, Reports