ABSTRACT

PT Jarakosta Multi Mandiri is a service company that providesservice car. PT Jarakosta Multi Mandiri is located on Jl. MM Industrial Estate 2100 Kp. Jarakosta Rt 002 Rw 001 Kel. Danau IndahKec. Cikarang Barat. Bekasi. PT Jarakosta Multi Mandiri or commonly called Bengkel Jhi Deh has been established since 2018. The problem faced by this PT is the recording of transactions that occur there. Especially on purchasesspare partsto vendors. There is still manual recording so that the owner experiences several incidents such as incorrect counting, torn paper, and others. Based on these problems, a web-based application was developed that can handle recording of purchase transactionsspare partscar. The application is built using the method waterfall with development Software Development Life Cycle (SDLC), the design process using system modelingUnified Modeling Language (UML), database planning using Entity-Relationship Diagram (ERD) and the structure between tables, as well as the application development programming language using PHP withframework codeigniter and languagequery MySQL. Functionality runs 100% after testing which is the result of a comparison of manual calculations with method testingBlack Box Testing. Once implemented, the application is able to manage the recording of purchase transactionsspare partscars and generate purchase transaction reports.

Keywords: Purchasing, Web Based Aplications, PHP, Code Igniter