

## ABSTRACT

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*PT Jarakosta Multi Mandiri is a service company that provides service car. PT Jarakosta Multi Mandiri is located on Jl. MM Industrial Estate 2100 Kp. Jarakosta Rt 002 Rw 001 Kel. Danau Indah Kec. 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 purchase spare parts to 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 transactions spare parts car. The application is built using the method waterfall with development Software Development Life Cycle (SDLC), the design process using system modeling Unified 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 with framework codeigniter and language query MySQL. Functionality runs 100% after testing which is the result of a comparison of manual calculations with method testing Black Box Testing. Once implemented, the application is able to manage the recording of purchase transactions spare parts cars and generate purchase transaction reports.*

*Keywords: Purchasing, Web Based Applications, PHP, Code Igniter*