ABSTRACT

Design and Develop a Web-Based Point of Sales (POS) Application Using the Agile Development Method For (Comshop Store Case Study)

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Point of Sales is a program that works on sales as well as a system that helps process transactions. In addition to main purposes including data management systems of goods, suppliers, and consumers, as well as service transactions and recapitulation of automated transaction reports, it has succeeded in simplifying and improving the daily business workflow of Comshop Store, from this issue manages data service, sales of spare parts of uncomputed headphones thus minimizing officer errors and enhancing the process of monitoring service schedules, and planning evaluation of the purchase of stock parts of headphones at Comshop store.

The system will be built using the PHP programming language and Mysql as the database. In the development of the research system using the method of agile development and as testing it using the Black Box. Output of this system Generating a web-based system is expected officers as well as persons in performing searches Status service visits id and Whats App number Customers and writing this research optimized the implementation process Features on the system can improve the sense of confidence and performance of Comshop shop officers

Keywords: Point of Sales, agile development, Website, Black Box

INTISARI

**RANCANG BANGUN APLIKASI WEB *POINT OF SALES (POS)*
MENGGUNAKAN METODE *AGILE DEVELOPMENT*
(STUDI KASUS TOKO COMSHOP)**

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Point of Sales merupakan program yang dilakukan pada penjualan serta sistem yang membantu proses transaksi. Selain untuk tujuan utama mencakup sistem manajemen data barang, *supplier*, dan konsumen, serta transaksi servis dan rekapitulasi laporan transaksi otomatis, telah berhasil mempermudah dan meningkatkan alur kerja bisnis sehari-hari Toko Comshop, dari permasalahan ini mengelola data servis, penjualan *sparepart headphone* yang belum terkomputerisasi sehingga Meminimalisir kesalahan petugas dan meningkatkan proses monitoring jadwal servis, serta evaluasi perencanaan Pengadaan stok sparepart headphone pada toko Comshop.

Sistem ini akan dibangun menggunakan Bahasa pemrograman PHP dan Mysql sebagai *database*. Dalam pengembangan sistem peneliti menggunakan metode *agile development* dan sebagai pengujiannya menggunakan *Black Box*. Output dari sistem ini Menghasilkan sebuah sistem berbasis *web* diharapkan petugas serta pelanggan dalam melakukan penelusuran Status servis melaui id dan nomer *WhatsApp* Pelanggan dan penulisan penelitian ini optimis proses implementasi Fitur pada system dapat meningkatkan rasa kepercayaan pelenggan dan kinerja petugas toko Comshop

Kata Kunci: Point of Sales, agile development, Website, Black Box, PHP, Mysql