RANCANG BANGUN SISTEM INFORMASI *STOCK OPNAME* BERBASIS WEB MENGGUNAKAN METODE *QUALITY FUNCTION DEPLOYMENT* (QFD) DI PT. INDACO WARNA DUNIA

Restu Wilianto Pratama[1], Grita Supriyanto Dewi[2], Ibnu Abdul Rosid[2]

INTISARI

Latar Belakang: . Dalam kegiatan *stock opname*, PT. Indaco masih melakukan proses pencatatan manual dengan secarik kertas lalu di salin kembali menggunakan *spreadsheet*. Untuk meyakinkan jumlah yang telah dihitung benar, karyawan harus melakukan perhitungan jumlah kembali sehingga membutuhkan waktu yang lama dalam proses pencatatan. Akibatnya, para pegawai harus mengurangi waktu cuti disaat akhir pekan untuk melakukan proses *stock opname*. Maka dari itu penulis merancang sistem informasi *stock opname* di PT. Indaco Warna Dunia

Tujuan: Mengetahui entitas yang dibutuhkan untuk membuat sistem informasi *stock opname* berdasarkan kebutuhan pengguna serta membuat sistem informasi berbasis web untuk memudahkan karyawan pada saat kegiatan *stock opname*.

Metode Penelitian: *Quality Function Deployment* (QFD)*, House Of Quality* (HOQ), *System Deployment Life Cycle* (SDLC) *Waterfall, Blackbox Testing*

Hasil: pengujian sistem informasi *stock opname* yang telah diimplementasikan dapat dikategorikan berhasil dan memenuhi persyratan karena tekah memeuhi persyratan perngujian

Kesimpulan: 11 atribut untuk merancang sistem informsi *stock opname* yaitu : validasi akun, pengelolaan kata sandi, hak akses, , normalisasi data, indeks, *backup data*, pesan kesalaham, opsi komponen, navigasi tombol, cetak hasil analisis dan *dashboard*.

Kata-kunci: *Stock opname, sistem informasi, inventory*

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[1]Mahasiswa Program Stuci Teknik Industri Universitas Jenderal Achmad Yani Yogakarta
[2]Dosen Program Studi Teknik Industri Universitas Jenderal Achmad Yani Yogyakarta

DESIGN OF WEB-BASED STOCK OPNAME INFORMATION SYSTEM USING QUALITY FUNCTION DEPLOYMENT (QFD) METHOD AT PT. INDACO WARNA DUNIA

Restu Wilianto Pratama[1], Grita Supriyanto Dewi[2], Ibnu Abdul Rosid[2]

ABSTRACT

Background: . In *stock* taking activities, PT. Indaco is still carrying out the manual recording process using a piece of paper and then copying it back using a spreadsheet. To ensure that the amount that has been calculated is correct, employees must recalculate the amount so that it takes a long time in the recording process. As a result, employees have to reduce time off on weekends to carry out the *stock* taking process. Therefore the authors designed a *stock* taking information system at PT. IndacoWarna Dunia

Objective: *Knowing the entities needed to create a stock taking information system based on user needs and creating a web-based information system to make it easier for employees during stock opname*

Method: *Quality Function Deployment* (QFD), *House Of Quality* (HOQ), *System Deployment Life Cycle* (SDLC) *Waterfall, Blackbox Testing*

Result: *testing of the stock taking information system that has been implemented can be categorized as successful and meets the requirements because it has met the testing requirements*

Conclusion: *11 attributes for designing a stock opname of information system is: account validation, password policy, access rights, e-mail, data normalization, index, data backup, error messages, component options, button navigation, export data and dashboards.*

Keywords: *Stock opname*, *Information of System, inventory*

[1]Student of Industrial Engineering Study Program Jenderal Achmad Yani University Yogakarta
[2]Lecturer of the Industrial Engineering Study Program Jenderal Achmad Yani University Yogakarta