

THE TRANSACTION INFORMATION SYSTEM AT LIMUNY LOUNGE

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ABSTRACT

Producing and testing feasibility of transaction information system program, which was called as TRANSACTION INFORMATION SYSTEM, was carried and applied at LIMUNY Lounge. The producing was consisted by designing, implementing, and testing of the program. The transaction information system was used to serve as goods data management, inventory, and transaction process of LIMUNY Lounge.

The transaction information system had been created by using VB 6.0 and MySQL which was consisted of analyzing software requirement, designing design software, coding, and testing of the system steps. The form interface was consisted of administrator form and operator form. The transaction information system testing was done using by alpha steps involving 2 professionals and several employers at LIMUNY Lounge. Data collection technique in this study was used by non-systematic observation and questionnaire. The questionnaire instrument production basic was used by McCall SQA theory.

The result of testing feasibility, it was done by 2 professionals, showed that the feasibility of this program was really feasible that based on correctness, reliability, and usability: (86.5% and 90%, 88% and 90%, 83% and 100%), respectively. Nevertheless, the integrity factor showed that the professional one (80%) was feasible and the other one (100%) was really feasible. The result of user testing feasibility, seen by respondent opinion which expressed as software quality factor similar to correctness, reliability, integrity, and usability, showed that the most of the respondents said this program was feasible (86.6%), (80%), (40%), (66.7%), respectively.

Key word: The Transaction Information System, creating, feasibility

SISTEM INFORMASI TRANSAKSI DI LIMUNY LOUNGE

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ABSTRAK

Penelitian ini bertujuan untuk: (1) merencanakan Sistem Informasi Transaksi di LIMUNY Lounge ditinjau dari pengelolaan data barang, inventaris, dan proses transaksi; (2) mengimplementasikan Sistem Informasi Transaksi di LIMUNY Lounge; (3) menguji tingkat kelayakan Sistem Informasi Transaksi di LIMUNY Lounge.

Sistem Informasi Transaksi di LIMUNY Lounge telah dikembangkan dengan menggunakan VB 6.0 dan MySQL dengan tahapan pengembangan sistem yang digunakan adalah analisis kebutuhan perangkat lunak, perancangan desain, generasi kode dan pengujian terhadap sistem. *Interface* setiap form dibedakan menjadi form untuk administrator dan form untuk operator. Pengujian Sistem Informasi Transaksi ini dilakukan dengan tahapan *alpha* yang melibatkan 2 ahli *software* dan seluruh karyawan LIMUNY Lounge (2 orang administrator dan 13 orang operator). Teknik pengumpulan data pada penelitian menggunakan metode observasi non-sistematis dan angket. Dasar pembuatan instrumen untuk angket menggunakan teori *Software Quality Assurance* dari McCall.

Hasil penelitian menunjukkan bahwa tingkat kelayakan dari Sistem Informasi Transaksi di LIMUNY Lounge menurut 2 ahli *software* dilihat dari kriteria *correctness* (dengan presentase 86,5 % dan 90 %), *reliability* (dengan presentase 88 % dan 90 %) dan *usability* (dengan presentase 83 % dan 100 %) masuk dalam kategori sangat layak, sedangkan penilaian untuk kriteria *integrity* dengan presentase 80 % masuk dalam kategori layak dan 100 % masuk dalam kategori sangat layak. Penilaian pengguna terhadap tingkat kelayakan sistem dilihat dari kriteria *correctness* 86,6 % menyatakan layak, dari kriteria *reliability* 80 % menjawab layak, dari kriteria *integrity* 40 % menjawab layak, dan dari kriteria *usability* 66,7 % menjawab layak.

Kata kunci: Sistem Informasi Transaksi, pengembangan, kelayakan