

REKAYASA SISTEM SEWA BTS (BASE TRANCEIVER STATION) DI PT. ADYAWINSA

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ABSTRAK

Timbulnya kesalahan dalam penjumlahan nilai sewa, pembayaran sewa, data (redundancy data) karena sering berulang kalinya pencatatan setiap ada proses ataupun penyusunan laporan baik secara harian/bulanan. Belum adanya pengelolaan basis data yang baik menghambat proses penyampaian informasi terhadap pimpinan dan rekanan. Tujuan dari penelitian ini adalah membangun sistem sewa BTS yang mampu meningkatkan pelayanan kepada rekanan dan menunjang kegiatan manajemen. Tahap-tahap pengembangan sistem yang digunakan yaitu System Development Life Cycle (SDLC) dengan tahapan analisis sistem, perancangan sistem, implementasi sistem dan perawatan sistem. Hasil dari sistem Sewa BTS ini adalah sistem yang mampu menangani pendataan BTS, pendataan rekanan, transaksi sewa BTS, transaksi pembayaran sewa BTS dan pembuatan laporan BTS, rekanan, sewa dan pembayaran.

Kata Kunci : rekayasa sistem, BTS, sewa.

RENTAL SYSTEM ENGINEERING FOR BTS (Base Transceiver Station) at PT. ADYAWINSA

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ABSTRACT

Incidence of errors in the sum of lease, lease payments, the data (redundancy data) because often repeated time records of any process or the preparation of reports either daily / monthly. The absence of good data base management hinder the process of delivering information to the leader and partner. The purpose of this research is to build a system that is able to increase the rent BTS services to partners and support management activities. Stages of system development to use the System Development Life Cycle (SDLC) with stages of system analysis, system design, system implementation and system maintenance. Results of the BTS site system is a system that is able to handle the BTS data collection, data collection partner, BTS leases, lease payments transactions BTS and BTS reporting, partnerships, and rental payments.

Keyword : systems engineering, BTS, rent.