

ABSTRAK

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Judul : Rancang Bangun Sistem *Inventory Aset dan Supplies* Berbasis Web (Studi Kasus : PT Design Jaya Indonesia)

Kemajuan Teknologi Informasi dan Komunikasi dewasa ini telah merambah ke berbagai aspek kehidupan tak terkecuali dalam hal ekonomi dan bisnis. PT Design Jaya Indonesia merupakan perusahaan yang bergerak di bidang TI yang disebut dengan *financial technology* dimana memanfaatkan TI dalam melakukan operasionalnya. Divisi *General Affair* (GA) di perusahaan memiliki peranan penting dalam mendukung kegiatan operasional perusahaan melalui pengelolaan barang-barang inventaris baik itu pencatatan barang masuk maupun keluar. Sistem pengelolaan barang inventaris di PT Design Jaya masih belum terkomputerisasi, oleh karenanya penelitian ini dilakukan untuk melakukan analisis permasalahan dengan menggunakan Metode PIECES dan selanjutnya menemukan alternatif penyelesaiannya dengan memanfaatkan teknologi informasi. Sistem dirancang dan dibuat dengan menggunakan metode pengembangan prototyping sedangkan basis dari sistem ini adalah *web*. Dengan dibangunnya aplikasi ini dapat membantu memudahkan divisi GA dalam melakukan pengelolaan barang dan pelaporan sehingga nantinya peningkatan kinerja dapat tercapai.

Kata kunci:

Inventory, Pengelolaan Aset, Supplies, Analisa PIECES, *General Affair*, PT Design Jaya Indonesia

ABSTRACT

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Title : *Design and Development a Web-Based Application for Inventory Supplies and Assets (Case Study : PT Design Jaya Indonesia)*

The progress of Information and Communication Technology today has penetrated various aspects of life, including economic and business aspects. PT Design Jaya Indonesia is a company engaged in IT called financial technology which utilizes IT in carrying out its operations. The General Affair (GA) Division in the company has an important role in supporting the company's operations through the procurement of goods or services needed by the company. In carrying out its duties, GA will coordinate a lot with other departments to find out their needs and make a budget plan for the procurement of goods or services along with their maintenance costs. The procurement system of household goods in this division at PT Design Jaya is still not computerized, therefore this research was conducted to analyze the problem using PIECES methods and then find alternative solutions by utilizing information technology. The system is designed and created using prototyping development methods with the web as basis of this system. The construction of this application is expected can help GA division in carrying out goods management and reporting so that performance improvement can be achieved later.

Keywords:

Inventory, asset governance, supplies, PIECES Analysis, General Affair, PT Design jaya Indonesia