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SISTEM INFORMASI PENGELOLAAN DISTRIBUTOR CENTRAL PADA ASA SWALAYAN BERBASIS WEB, dibawah bimbingan Ichwan Kurniawan, S.Kom., M.Kom dan Widiyono, ST., S.Kom., M.Kom

ABSTRAK

Asa Swalayan Tirto merupakan perusahan dagang yang menjual barang kebutuhan sehari-hari. Proses pendistribusian barang berawal dari bagian cabang order barang ke bagian Distributor Central lalu bagian Distributor Central mendistribusikan ke cabang swalayan. Pendistribusian tidak dilakukan secara langsung saat diorder, apabila order hari ini barang di distribusikan minggu depan, keterlambatan pendistribusian dikarenakan belum ada sistem yang mengatur stok barang pada Distributor Central. Permasalahan yang terjadi yaitu bagian cabang masih harus melakukan order terlebih dahulu, bagian Distributor Central tidak mengetahui keadaan stok yang terdapat di setiap cabang swalayan dan barang yang dibutuhkan swalayan tidak selalu tersedia, sering terjadi produk yang dicari oleh konsumen dalam keadaan habis. Oleh karena itu perlu dibangun sebuah perangkat lunak tentang Sistem Informasi Pengelolaan Distributor Central pada Asa Swalayan Berbasis Web. Pembangunan sistem menggunakan metode pengembangan Waterfall mulai dari tahap Communication, Planning, Modelling, Construction, dan Deployment. Sistem ini telah diuji menggunakan pengujian white box, black box, dan UAT yang menghasilkan proses sistem yang sudah sesuai dengan kebutuhan. Hasil dari sistem dapat mengelola data stok di Distributor Central sampai pendistribusian stok barang ke cabang Asa Swalayan, serta dapat menghasilkan laporan barang masuk, laporan barang keluar, dan laporan stok barang. Sehingga dapat mempercepat dalam pendistribusian stok barang ke cabang. Dalam sistem hanya mencakup sampai transaksi barang masuk dan barang keluar, maka diharapkan adanya pemberitahuan atau notifikasi lewat email apabila ada stok barang yang akan habis.

Kata kunci: Sistem Informasi, *Distributor Central*, Asa Swalayan.

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ABSTRACT

Asa Swalayan is a trading company that sells daily necessities. The process of distributing goods starts from the branch section of ordering goods to the central distributor section and then the central distributor section distributing it to swalayan branches. Distribution is not done directly when ordered, if today's order the goods are distributed next week, the delay in distribution is because there is no system that regulates the stock of goods at the central distributor. The problem that occurs is that the branch section still has to place an order in advance, the central distributor section does not know the state of the stock in each swalayan branch and the goods needed by the swalayan are not always available, it often happens that the product that consumers are looking for is out of stock. Therefore it is necessary to build a software about central distributor management information system at asa swalayan. The system development uses the Waterfall development method starting from the Communication, Planning, Modeling, Construction, and Deployment stages. This system has been tested using white box, black box, and UAT testing which results in system processes that are in accordance with needs. The results of the system can manage stock data at distributor central to distribution of stock items to Asa Swalayan branches, and can produce incoming goods reports, outgoing goods reports, and inventory reports. So that it can speed up the distribution of stock items to branches. The system only covers transactions for incoming goods and outgoing goods, so it is hoped that there will be notifications or notifications via email if there are items in stock that will run out.

Keywords: Information System, Central Distributor, Asa Swalayan.