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# SISTEM INFORMASI PENJUALAN DAN PEMBELIAN BARANG (STUDI KASUS : KOPERASI BANK INDONESIA SOLO)

Tugas Akhir

Disusun untuk memenuhi salah satu syarat dalam memperoleh gelar

Ahli Madya pada Program Studi Diploma III Teknik Informatika

Universitas Sebelas Maret

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**PERSETUJUAN**

**"SISTEM INFORMASI PENJUALAN DAN PEMBELIAN BARANG"**
**(STUDI KASUS : KOPERASI BANK INDONESIA SOLO)**

Disusun Oleh :

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Program Studi Diploma III Teknik Informatika

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# PENGESAHAN

## "SISTEM INFORMASI PENJUALAN DAN PEMBELIAN BARANG" (STUDI KASUS : KOPERASI BANK INDONESIA SOLO)

Tugas Akhir ini telah diuji dan disahkan oleh Panitia Ujian Tugas Akhir
Program Studi Diploma III Teknik Informatika
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## HALAMAN PERNYATAAN

Dengan ini saya menyatakan bahwa dalam Laporan Tugas Akhir ini tidak terdapat karya yang pernah diajukan untuk memperoleh gelar akademik di suatu Perguruan Tinggi, dan sepanjang pengetahuan saya juga tidak terdapat karya atau pendapat yang pernah ditulis atau diterbitkan oleh orang lain, kecuali yang secara tertulis diacu dalam naskah ini dan disebutkan dalam Daftar Pustaka.

Surakarta, 10 Juli 2020

Sella Fernanda

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## HALAMAN MOTTO

*"Nothing impossible and miracle is real"*

*"Jika orang lain bisa, maka aku juga termasuk bisa"*

*"Orang-orang hebat di bidang apapun bukan baru bekerja karena mereka terinspirasi, namun mereka menjadi terinspirasi karena mereka lebih suka bekerja. Mereka tidak menyia-nyiakan waktu untuk menunggu inspirasi." (Ernest Newman)*

*"Banyak kegagalan dalam hidup ini dikarenakan orang-orang tidak menyadari betapa dekatnya mereka dengan keberhasilan saat mereka menyerah." (Thomas Alva Edison)"*

*"Hari ini berjuang, besok raih kemenangan!"*

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## HALAMAN PERSEMBAHAN

Tugas Akhir ini dipersembahkan untuk:

1. Kedua orang tua dan keluarga besar yang selalu mendoakan, memotivasi, dan mendukung penulis.
2. Bu Berliana selaku dosen pembimbing tugas akhir yang telah membimbing, mendukung dan mengarahkan.
3. Pak Sarwoto, Pak Abror dan Mas Gampang selaku pembimbing lapangan yang telah banyak membantu penulis dalam menyelesaikan tugas akhir.
4. Kakak tingkat dan teman-teman Diploma III Teknik Informatika angkatan 2017 yang telah membantu dan saling memberikan semangat dalam berproses.

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# KATA PENGANTAR

Puji syukur alhamdulillah penulis panjatkan kehadirat Allah SWT karena telah melimpahkan rahmat, nikmat dan karunia-Nya sehingga dapat menyelesaikan penelitian dan penulisan laporan tugas akhir dengan judul "Sistem Informasi Penjualan dan Pembelian Barang (Studi Kasus : Koperasi Bank Indonesia Solo)". Laporan Tugas Akhir ini disusun sebagai persyaratan memperoleh kelulusan jurusan Diploma III Teknik Informatika Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Sebelas Maret Surakarta.

Dalam penyusunan laporan Tugas Akhir ini terdapat bantuan dan dukungan dari berbagai pihak. Oleh karena itu penulis mengucapkan terima kasih kepada:

1. Ibu Hartatik, S.Si, M.Si selaku Kepala Program Studi Diploma III Teknik Informatika Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Sebelas Maret Surakarta
2. Ibu Berliana Kusuma Riasti, S.T., M.Eng selaku dosen pembimbing yang telah memberikan bimbingan, nasihat, kritik dan saran sehingga Tugas Akhir dapat terselesaikan.
3. Bapak Sarwoto, Bapak Gampang Suryo Admojo dan Bapak Abror selaku pembimbing lapangan di Kantor Bank Indonesia Solo telah memberikan arahan dan masukan.
4. Teman-teman dan kakak tingkat Diploma III Teknik Informatika yang telah banyak memberikan dukungan, bantuan, dan masukan yang membangun dalam pengerjaan dan penyelesaian laporan Tugas Akhir.

Semoga Allah SWT memberikan balasan yang lebih baik kepada pihak-pihak yang telah memberikan bantuan dan dukungan. Namun, penulis menyadari bahwa laporan ini masih jauh dari kata sempurna, sehingga penulis mengharapkan kritik dan saran yang membangun demi tersusunnya laporan yang lebih baik lagi. Semoga dengan selesainya penyusunan Laporan Tugas Akhir ini dapat memberikan manfaat untuk pembaca sekalian.

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# INTISARI

**SELLA FERNANDA. 2020. SISTEM INFORMASI PENJUALAN DAN PEMBELIAN BARANG (STUDI KASUS : KOPERASI BANK INDONESIA SOLO).** Program Diploma III Teknik Informatika, Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Sebelas Maret Surakarta.

Koperasi merupakan usaha berbadan hukum yang berdiri di Indonesia yang banyak melakukan transaksi administrasi. Sehingga komputerisasi dalam bidang administrasi sangat penting untuk menunjang kelancaran seluruh transaksi yang dilakukan oleh koperasi, sehingga dapat memberikan pelayanan transaksi yang cepat, tepat, akurat, dan efisien. Salah satu penerapan sistem komputerisasi adalah pada koperasi penjualan dan pembelian barang yang dilakukan oleh Kantor Perwakilan Bank Indonesia Solo.

Sistem komputerisasi pada koperasi Bank Indonesia Solo menggunakan aplikasi *desktop* yang dapat melakukan transaksi pembelian/restok barang, penjualan *offline* dan manajemen data barang. Anggota koperasi dapat melakukan pembelian barang dengan datang langsung ke koperasi dan untuk pengadaan barang dilakukan dengan melakukan pencatatan secara manual. Pada sistem ini akan dikembangkan menjadi sistem informasi berbasis *website* dengan menambahkan sistem penjualan *online*, pengadaan barang (*by order*), retur beli, manajemen data hutang piutang, manajemen data laba rugi, serta laporan.

Dari permasalahan yang ditemui maka dibuatlah Sistem Informasi Penjualan dan Pembelian Barang dengan teknologi sebagai berikut: Sistem menggunakan bahasa pemrograman PHP, *framework Codeigniter*, database MySQL, dan *Apache webserver*.

Output yang akan dikeluarkan oleh sistem ini adalah laporan data stok, laporan laba rugi, laporan hutang piutang, dan *invoice*.

Hasil uji coba dari Sistem Informasi Koperasi Penjualan dan Pembelian Barang adalah sebagai berikut: semua fungsi dapat berjalan dengan baik, fitur dan tampilan telah sesuai dengan harapan dari pihak Kantor Perwakilan Bank Indonesia Solo.

Kata kunci : koperasi penjualan dan pembelian barang, Kantor Perwakilan Bank Indonesia Solo, kopebi, koperasi BI

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## *ABSTRACT*

**SELLA FERNANDA. 2020. *SALES AND PURCHASE INFORMATION SYSTEMS CASE STUDY*: BANK INDONESIA SOLO *COOPERATION*.** *Diploma III Program in Informatics Engineering, Faculty of Mathematics and Natural Sciences, Sebelas Maret University Surakarta.*

*Cooperative is a legal business entity established in Indonesia that has many administrative transactions. So that computerization in the administration sector is very important to support the smooth operation of all transactions carried out by cooperatives, so that they can provide fast, precise, accurate, and efficient transaction services. One application of the computerized system is the cooperative on the sale and purchase of goods carried out by the* Bank Indonesia Solo *Representative Office.*

*The computerized system at the* Bank Indonesia Solo *cooperative uses a desktop application that can carry out purchase / inventory transactions, offline sales and data management of goods. Cooperative members can purchase goods by coming directly to the cooperative and for procurement of goods is done by recording manually. This system will be developed into a website-based information system by adding an online sales system, procurement of goods (by order), purchase returns, accounts payable data management, profit and loss data management, and reports.*

*From the problems encountered, the Sales and Purchase Information System was made with the following technology: The system uses the PHP programming language, Codeigniter framework, MySQL database, and Apache webserver.*

*The output that will be issued by this system are stock data reports, income statements, accounts payable reports, and invoices.*

*The trial results of the Cooperative Sales and Purchase Information System for Goods are as follows: all functions can run well, features and appearance are in line with expectations of the Bank Indonesia Solo Representative Office.*


*Keywords: sale and purchase of goods cooperatives, Bank Indonesia Solo Representative Office, Kopebi, BI cooperative*

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