MAKE A SIMPLE SALES APPLICATION USING BORLAND DELPHI

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Abstract

Sales Application, Borland Delphi 7.0 (xi Attachment) Along with the development of the age, the business world experienced rapid development. But with the rapid development, many units - business units that are still implementing bookkeeping and reporting systems in a manual way - have not been computed. Scientific Writing is the author's research on the perfume business unit which contains the application of sales starting from inputting goods, editing / updating goods, selling goods, to printing the report. The purpose of scientific writing is to make apps for further details, please visit

Keywords : Sales Application Borland delphi

A. INTRODUCTION

Materi Ke 1 membahas mengenai i cloud system ...dst
tambahkan gambar untuk memperkuat penjelasan (Gunakan Minimal 600 kata)

Jawaban :

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The program that will be created this time is a program to record the sale of goods. The facilities provided in this program are :

1. The program that will be created this time is a program to record sales, update stock (if there is a purchase transaction, the stock will increase).
2. Sales reports, goods reports, purchase reports.

To make the program, 3 tables are needed :

1. Item table containing goods available in the store.
2. Sales table that will be used to store all data on good purchases.QA

The steps of the process :

- Make the 3 table in the desktop database, with a list of fields like the following :

Nama Field	Type	Size
Kode	+	*
Nama	A	20
Harga	\$	
Stock	I	
StockMinimal	I	

Item Database

Nama Field	Type	Size
Tanggal	D	
Kode	I	
Harga	\$	
Qty	I	
Diskon	N	

Sales Database

Nama Field	Type	Size
Tanggal	D	
Kode	I	
Harga	\$	
Qty	I	

Purchase Database

- Create a new application. Then change from From1 to F main (Main Form) and then save it in the UFmain Pas Fiel. Give the main menu components that are standardized and load the menu list as follow :

- Make the module data then name the module data with DM and then save it in UDM Fitting.

- Place all the tables that will be used in the module data, complete with the source data.
- Create an object field by double-clicking each table then right-clicking the data press Add All Fields.
- Create a new form that will be used for processing data items. Name this form with the F item

or item form and record it in the UFB Item file as follow :

- After creating the form F item, then create a new form to create the item data input form that will be raised if the user presses the add data button or UFIInput the right item. Example Finput item is like the following picture :

Don't forget to fill out the capital statement result form the OK button with Mrok and for the Cancel button filled with MrCancel. For editing, use DBEedit.

- One the add button on the Item Form, find the following command :

```
procedure
TFBarang.TblTambahClick
(Sender: TObject);
begin

DM.TBarang.Append;//
atau DM.TBarang.Insert;

FInputBarang.Showmodal;
// menampilkan
finputbarang
    If
FinputBarang.ModalResul
t=mrok then // jika
tekan simpan

DM.TBarang.Post // simpan
data
    else

DM.TBarang.Cancel; //
batalkan tambah data
end;
```

- On the edit button on the Item Form give the following command :

```
procedure
TFBarang.TblEditClic
k(Sender: TObject);
begin

DM.TBarang.Edit; //
data mau diedit

FInputBarang.Showmod
al; // tampilkan
finput barang

    If
FinputBarang.ModalRe
sult=mrok then //
jika tekan simpan

DM.TBarang.Post //
simpan data
    else

DM.TBarang.Cancel;
// batalkan
pengeditan data
end;
```

- On the Delete button on the Item Form give the command as follows :

```
procedure
TFBarang.TblHapusCli
ck(Sender: TObject);
begin

    if
Messagedlg('Data Mau
Dihapus
?',mtconfirmation,

[mbyes,mbno],0)=mrye
s then // kalau
jawab yes

DM.TBarang.Delete;
// hapus data
end;
```

- On the Exit button on the item form, give the command as follow :

```
procedure
TFBarang.TblKeluarCl
ick(Sender:
TObject);
begin
    Close;
end;
```

- For calling the item form from the main form, fill in the onclick event from the Master-Item menu as follows :

```
procedure
TFUtama.Barang1Click
(Sender: TObject);
begin

FBarang.Showmodal;
// tampilkan Form
Barang
end;
```

- Make a report to report data on all item and must be able to be called on the menu of goods reports.
- For the sales data processing form, make a new form and name the form with F sales and save it in the sales UFP file right. Make a form like this :

- Creat a new form to enter sales data then name it with F input sales and save in Uf input file Sales are right. View image :

- How :
- Place the Groupbox, label the item name and label Qty.
- Place the OK button and the Cancel button, don't forget to fill the capital of the two components with MrCancel.
- Place two DBEedit and replace the Datasource property with DM. DSP Sales and data fields with Qty and Discount.
- Place a DBLookupComboBox on the Data Control tab component that is used to select the name of the item to be sold and then replace the following propertie :

DataSource : DM.DSSales
DataField : Code
ListSource : DM.DSItem
ListField : Item Name
KeyField : Code

- Back to Sales Form, then fill the onclick event from the transaction button with the command as follows :

```
procedure
TFPenjualan.TblJualClick(Sender:
TObject);begin
DM.TPenjualan.Append;//
Tambah Penjualan
DM.TPenjualan['Tanggal']:=Now
; // isi Tanggal dengan
Tanggal Sekarang (now)
FInputPenjualan.Showmodal
; // menampilkan
FInputPenjualan
if
FinputPenjualan.Modalresult=m
rok then // Kalau menekan
Tombol OK begin
DM.TBarang.Findkey([DM.TPenju
alan['Kode']]); // Cari
Barang
DM.TBarang.Edit; // Data
Barang Mau DiEdit
//Stock barang dikurangi
dengan Qty Penjualan
DM.TBarang['Stock']:=DM.TBara
ng['Stock']-
DM.TPenjualan['Qty'];
DM.TBarang.Post; // Simpan
Data Barang //Harga
Barang yang dijual diisi dari
Harga barang dari tabel
Barang
DM.TPenjualan['Harga']:=DM.TB
arang['Harga'];
DM.TPenjualan.Post;//Simpan
Penjualan end else //
kalau tidak menekan
OK
DM.TPenjualan.Cancel; //
Batalkan Penjualan end;
```

```
procedure
TFUtama.PenjualanBarang1C
lick(Sender: TObject);
begin

FPenjualan.Showmodal;
end;
```

- Create also Sales reports of item to be called if we press the sales reports menu.
- Repeated orders for the sale of item for the process of purchasing item. The difference is that the sale of item reduces stock, and purchases of item add the stock.
- To F sales can be called from the main menu, the enter the following command at the OnClick event from the Transaction Menu-Sales of Item.

B. CONCLUSION

Kesimpulan dari materi ini adalah ....(minimal 150 kata)

Jawaban :

CONCLUSION

Conclusion Making this sales application can facilitate the user in processing data and can also print data, both item data and sales data. The advantages of this application are reducing errors in sales data collection, increasing the speed of data search and helping to make reports quickly and accurately. Features available in the application.

Database or also called database means based on data, but conceptually, a database is defined as a collection or collection of data that are interconnected (relations), arranged according to certain rules logically, so as to produce information. To manage and retrieve database queries so that they can be presented in various desired forms, software is needed called a Database Management System or also called a Data Base Management System (DBMS). The merger of the Database Management System (DBMS) with the Database will form a unit called the Database System.

C. ACKNOWLEDGEMENT

University Of Indonesia
University Of Mitra Indonesia
Telkom University
University Of Melbourne
Saitama University

D. REFERENCE_(Based ISO 690)

- [1] A. S. Putra And O. M. Febriani, "Knowledge Management Online Application In Pdam Lampung Province," In *Prosiding International Conference On Information Technology And Business (Icibt)*, 2018, Pp. 181–187.
- [2] A. S. Putra, O. M. Febriani, And B. Bachry, "Implementasi Genetic Fuzzy System Untuk Mengidentifikasi Hasil Curian Kendaraan Bermotor Di Polda Lampung," *J. Sist. Inf. Dan Manaj. Basis Data*, Vol. 1, No. 1, Pp. 21–30, 2018.
- [3] O. M. Febriani And A. S. Putra, "Sistem Informasi Monitoring Inventori Barang Pada Balai Riset Standardisasi Industri Bandar Lampung," *J. Inform.*, Vol. 13, No. 1, Pp. 90–98, 2014.
- [4] Putra, Arie Setya. "2018 Artikel Struktur Data, Audit Dan Jaringan Komputer." (2018).
- [5] Putra, A. S. (2018, July 17). Paperplain Fundamental Create Application With Borland Delphi 7.0 University Of Mitra Indonesia. Retrieved From [Osf.io/Pbrn9](https://osf.io/Pbrn9).

E. REFERENCE (Based APA)

- Putra, A. S., Aryanti, D. R., & Hartati, I. (2018, November). Metode SAW (Simple Additive Weighting) sebagai Sistem Pendukung Keputusan Guru Berprestasi (Studi Kasus: SMK Global Surya). In *Prosiding Seminar Nasional Darmajaya* (Vol. 1, No. 1, pp. 85-97).
- Sari, D. P., Febriani, O. M., & Putra, A. S. (2018, November). Perancangan Sistem Informasi SDM Berprestasi pada SD Global Surya. In *Prosiding Seminar Nasional Darmajaya* (Vol. 1, No. 1, pp. 289-294).
- Putra, A. S. (2018). Paperplain: Execution Fundamental Create Application With Borland Delphi 7.0 University Of Mitra Indonesia.
- Putra, A. S., Sukri, H., & Zuhri, K. Sistem Monitoring Realtime Jaringan Irigasi Desa (JIDES) Dengan Konsep Jaringan Sensor Nirkabel. *IJEIS (Indonesian Journal of Electronics and Instrumentation Systems)*, 8(2), 221-232.
- Darmawan, A., Yuliawati, D., Marcella, O., & Firmandala, R. (2016). Sistem Absensi dan Pelaporan Berbasis Fingerprint dan SMS Gateway. *EXPLORE*, 7(1).
- Febriani, O. M., Wahyuni, T., & Yusuf, S. (2017). DESIGN OF WEBSITE-BASED INFORMATION SYSTEM FOR EDOCUMENT ADMINISTRASI IN THE COMMUNITY SERVICE UNIT (A Case Study at Rajabasa District). *INTERNATIONAL JOURNAL OF COMPUTERS & TECHNOLOGY*, 16(7), 7010-7020.
- Febriani, O. M., & Wahyuni, T. (2017, October). PERANCANGAN SISTEM E-DOCUMENT ADMINISTRASI LOGBOOK PENELITIAN PADA UNIT LAYANAN DI BANDAR LAMPUNG. In *Prosiding Seminar Nasional Darmajaya* (Vol. 1, No. 1, pp. 187-194).
- Febriani, O. M., & Permadi, A. B. (2017). Implementasi Sistem Aplikasi Data Bimbingan dan Pelanggaran Siswa pada Sekolah Menengah Atas di Lampung Tengah dengan Metode Analisis dan Desain Sistem Terdistribusi (SSAD). *EXPERT*, 7(1).
- Febriani, O. M., & Ambarwati, L. (2015). PERANCANGAN APLIKASI PENGOLAHAN DATA PENJUALAN UKM KELANTING KHAS TELO DESA SIDOHARJO KECAMATAN JATI AGUNG KABUPATEN LAMPUNG SELATAN. *Jurnal Teknologi Informasi dan Bisnis Pengabdian Masyarakat Darmajaya*, 1(1), 77-95.
- Febriani, O. M. (2015). Rancang Bangun Aplikasi E-commerce menggunakan Freewebstore pada UKM Kelanting di Desa Sidoharjo Lampung Selatan. *Prosiding Sembistek 2014*, 1(02), 446-458.