

System Design :))

ORDERING
SYSTEM

username: _____
password: _____

Sign Up CLEAR CLEAR

FrmSignUp

username _____
password _____
confirm password _____
email _____
company _____

Sign Up CLEAR

Company ComboBox View

Jollibee
Mcdo
KFC
...
...
Add new...

FrmLogin

Check the Following on click of Login Button:
1. Does the account exist in the database?
2. If yes, check
 if AccType=="Admin"{Go to Main Form}
 if AccType=="Normal"
 if AccAccess=="Yes" Then go to MainForm
 if AccAccess=="No" Then show msgbox

tblAccount	
AccID	AutoNumber
AccUser	ShortText
AccPass	ShortText
AccName	ShortText
AccType	ShortText
AccComp	Number
AccAccess	YesNo
AccHistory	Number

if user clicks on an option on the cmb, AccType will be set to 'normal'. and an entry on tblAccess will be made (requests for access to the admin of that company; without access, login is unsuccessful) (if with admin allows access, then go to FrmMain)

if user clicks 'Add New', AccType will be set to 'admin' then go to FrmCompany

FrmMain

You can do the ff:

- see the header with the designated company details
- View Products
- Search & filter Products
- add product quantity
- view total quantity of product in order
- view product per classification
- settings button
- receipt button

btnAddItem:onclick
go to frmProduct

btnOrder:onclick
go to frmOrders

btnReceipt:onclick
go to frmOrderReceipt

Class 1
Class 2
Class 3
Class 4
Class 5
Class 6

Add Item

NAME OF BUSINESS
Business ID
Business Full Address

search Bar

Qty: total Qty

IMG
Product

IMG
Product

IMG
Product

IMG
Product

IMG
Product

IMG
Product

IMG
Product

IMG
Product

ORDER
RECEIPT

Classes Are Food Classifications. This is identified upon product creation. You can create your own Product Classification. See Database:

tblFoodClass	
FClass	AutoNumber
FComp	Number
FClassName	ShortText

img

upload image

Business ID: _____
Name: _____
Address: _____
Type: _____

CLEAR CREATE

Upon Creation, Proceed back to FrmLogin

FrmLogin

Here Users can edit their Login Credentials and Click the buttons for
- Edit the default Receipt Format
- Edit who has access to company data
- Edit color theme

EDIT PROFILE
name _____
password _____
username _____
email _____

CLEAR CHANGE

EDIT RECEIPT
EDIT ACCESS
EDIT THEME

btnEditAccess:onclick go to FrmEditAccess

btnEditTheme:onclick go to FrmEditTheme

btnEditReceipt:onclick go to FrmEditReceipt

FrmCompany

this form is form creating a new company. if a user creates a new company, their AccType on tblAccount will be set to an 'admin' type.

Inputted data will be sent to database.

Required fields are CompBID, CompName, CompAddr

Non-Required Fields are The CompImg and CompTheme in which defaults will be applied

tblCompany	
CompID	AutoNumber
CompBID	Number
CompName	ShortText
CompAddr	ShortText
CompType	ShortText
CompTheme	Number
CompImg	OLE_Object

FrmRequest

This is only visible to Accounts with the AccType 'Admin'. This is where they allow other users to have access to their company data.

_____ ✓ X
_____ ✓ X
_____ ✓ X

Database:

tblRequest	
ReqID	AutoNumber
AdminID	Number
UserID	Number
ReqAppr	Yes_No

FrmEditReceipt

Current Receipt Configuration:

Tax

15%

Service Fee

20%

Discount

10%

RESET

tblReceipt	
RecID	AutoNumber
CompID	Number
RecName	ShortText
RecAmount	ShortText

To edit the extra expenses/additional taxes to be added in the final calculations in FrmOrderReceipt, edit it here. You can add Taxes and their percentage rate. Or for example Service Fee +20.

This is different per company and that its why its modifier on the dbase is the CompID

FrmEditTheme

Color 1 ☐
Color 2 ☐
Color 3 ☐
Color 4 ☐

color picker

tblTheme	
ThemeID	AutoNumber
color1	ShortText
color2	ShortText
color1	ShortText
color2	ShortText

In Reality, Different businesses has different color themes. Like Jollibee is Red, Subway is Green. This is when in our program, you can edit your companies color theme. If not edited, the default is applied.

FrmOrderReceipt

Gets the data from FrmMain like:

- Company Details
 - Business Name
 - Business ID
 - Date of order
 - Products selected
 - Products Quantity
 - Products Price
 - Taxations
 - Extra Expenses
 - Calculations of all of that
- And generates a receipt like format

Upon clicking btnOk, the form will be screenshotted and that image of the receipt will be stored to tblOrderHistory in the database for history purposes.

tblOrderHistory	
HistID	AutoNumber
HistDate	datetime
HistImg	OLE_Object
AccID	Number

*Note: Form for order history still not included

Business Name
Business ID
Address: Business Address here, business here is the address

Order 1 x1 P 150
Order 2 x1 P 290
Order 3 x2 P 380
Order 4 x3 P 70

Subtotal 780
Taxes 50
Grand Total 830

OK

FrmProduct

Gets the data from FrmMain like:

- Company Details
- Business Name
- Business ID
- Date of order
- Products selected
- Products Quantity
- Products Price
- Taxations
- Extra Expenses
- Calculations of all of that

And generates a receipt like format

Upon clicking btnOk, the form will be screenshotted and that image of the receipt will be stored to tblOrderHistory in the database for history purposes.

IMG

name _____
classification _____

CLEAR OK

tblProduct	
ProdID	AutoNumber
ProdName	ShortText
ProdClass	Number
ProdImg	OLE_Object
ProdComp	Number

FrmOrders

ORDERS

McChicken meal

Qty

1

Coca colar drink

Qty

2

Chocolate sundae

Qty

1

CLEAR OK

In FrmMain, after selecting the products you want to have, you'd like to have an order summary and this is it.

View all the products you've ordered and edit it.