**PREFACE**

This project report has been developed especially for you computerization and management required in **“Optical shop Management System”.** It is woven with the fiber of “**MICROSFT VISUAL STUDIO 2010”.** Which is well known standard programming language? All the activities in a program are triggered by one event or another. So, with the help of this software you can do the better computerization of an **“Optical shop Management System”.**

The aim of preparing this project is to signify the role of computer in smooth functioning of **“Optical shop Management System”** and to explain that how computers help in records of Customer Bill’s details and all information related to Optical shop.

No, doubt I have tried my best effort to make the project in user friendly environment and managing **Optical shop Management System** full placed, because this is the most powerful feature of the project report. The approach adopted is very simple, lucid and comprehensive. The latest term and data have been taken into account and using facility of options and menus.

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**4. INTRODUCTION**

This project “**Optical shop Management System**” is solution for optical store centers for purchasing optical glasses, frames and other eye wears.

This system is implemented in Vb.NET with Visual basic programming Languages. For database MS Access has been used. This project also keeps record of all the Sales and Order tracking. With this application customer can see latest eye wear design and get to know the latest price.

To manage the customers in an easier and more convenient way. The administrator is able to view all the members Doctor and Product list as well as their details. The basic structure of the system as follows. This project is a computer-based program and it manages the Optical shop activity, the personnel and the inventory. This system also maintains the Doctor details, to provide the valuable reports regarding the progress of the Optical shop Management system.

**4.1 Objective & Scope of the project:-**

**Objective:-**

Main aim in developing **Optical Shop Management System** is to provide an easy way not only to automate all functionalities of an **Optical Shop**, but also to provide full functional reports to top management with the sales of details about any aspect of Store.

**Optical Shop Management System** is software has the perspective of attaining attraction of those Optical shop which don’t have one good performing software for keeping their information secure and make their management easier.

**Optical Shop Management System** Software is one of the important media of communication. It is one of the source from which news will be got by the public. This system is an application that is designed to act as a subscription management for the Optical Shop and its record manager.

It’s provides one attractive environment where you can manipulate data and information about **Optical Shop Management System**, Customer, Doctor, Eye Glasses and Daily collection. So we can say the Core purpose of designing “**Optical Shop Management System”** is to manage the task related to the Optical shop details and to reduce time to searching of appropriate subscription in Agency View.

Optical Shop Management Software provides the backbone and organization for your optical shop. It was designed specifically to allow opticians to order, check-in, and dispense spectacles, contact lenses and other inventory. Our optical shop software provides detailed reports and summaries of your inventory on hand and dispensed. It reports how many and what types of remakes your shop has. It helps you track the status of your jobs. We have the solution readymade for you at cost effective prices. We continually add new features. Main feature of Optical Shop Management Software are shown below.

**REQUIREMENTS GATHERING:-**

* Proper excel sheet is maintained in some OSMS.
* Customer list should be maintained
* Mode of Payment.
* Admin & Doctor details
* Manager details.
* Product’s details.
* Sales details.
* Report message.
* Expenses.

**Project Scope:-**

This is a type of software, suitable to all Optical Shop. This software has all the modules to manage Optical Shop Customer & distribution. Separate division is provided to maintain customer & Product details etc.

This application is designed for small Optical Shop’s as well as small and large OSMS. This will be one of the interesting applications that one can work on and implement in real time world.

Initial functional requirements will be: -

* Secure Login and profile management facilities for all modules
* This project can be used within intranet.
* It will help to increase the efficiency of the OSMS
* It saves time, energy and cost.
* It will also help to avoid manual data entries. And it works very fast.

**4.2 Definition of problem:-**

In the current System. Admin/User faces several problems for check details. Problem like, admin must be know the Customer and other details & type they entered submission of form.

You can calculate how many items a particular customer take and also easily calculate total price. Behind this problem is that, sometime it’s difficult to work on Computer so people must know the knowledge of basic computer.

It increases the accuracy of the system. The software is made user friendly so that work becomes easier.

The transaction reports of the system can be retried as and when required.

The software improves the working methods by replacing the existing manual system with the computer based system.

Reports can also be generated.

* 1. **System Analysais &Design vis-à-vis user requirements**

The **Optical Shop Management System** application will enable Admin/user to use the system and easily can fill New Customer details, Doctor Detail form and also can get Product Details with bill record.

The OSMS Management System will have the following functionalities:

1. The Software will enable Admin to fill Product info, Customer, Add Doctor & also selling purchasing Records.
2. The software will enable Admin/user who can easily maintain the OSMS Records
3. The software will enable to view Daily collection details and Customer details.
4. The application will also provide the facility to Print Receipt when customer buy any eye wears & also can access more information about the Sales and all record which is necessary to the OSMS
5. Admin can also provide various information that is related to the OSMS System and also managed it.
   * 1. You can change your Password easily

Following are the modules of News Paper Management:

**Module wise description**

**OSM System Modules**

**• Login:** User must provide their user name and password to get access the system, system validate user name and password. After successful login system will captured login date, time and allow to accessing the main screen and menu options as per user type.

**• Main Menu:** After successfully login system display main screen with available menu option to the user as per rights. It also display user name, Date, time in top of the screen.

**•Customer master:** The details of the customers like name, address, Phone address, etc. that can be maintained easily.

**• Master:** Product Master used to enter Product details like name, type, and price and doctor recommendation.

**• Sales report:** This module will show sales report. Which customer purchase the product.

**•Bill generation**: This module will generate the bill for the particular customer.

**•Search module**: This module can allow searching for particular product, customer with the help of their id number.

**• Change Password:** User can change his/her own password.

**• Admin Master:** Admin master are used to maintain the Admin details like name, address, contact no of the Trainer.

**Forms**

This module consists of the following sub modules

1. Admin Login Form
2. Add & Edit Customer
3. Add & Edit Product Form
4. Add & Edit Doctor Form
5. Bill or Receipt printing & enquiry Form
6. All Reports & Receipt Form
7. Change Password
8. About Me
9. Loading form etc.

**4.4 Methodology adopted:-**

This model is development combines the features of the prototyping model and the waterfall model. The spiral model is intended for large, expensive and complicated projects.

The steps in the spiral model can be generated as follows:

1. The new system requirements are defined in as much detail as possible. This usually involves interviewing a number of users representing all the external or internal users and other aspects of the existing system.
2. A preliminary design is created for the new system.
3. A first prototype of the new system is constructed from the preliminary design. I.e. usually a scaled-down system, and represent an approximation of the characteristics of the final products.
4. A second prototype is evolved by the fourfold procedure:
5. Evaluating the first prototype in terms of its strengths, weakness and risks
6. Defining the requirements of the second prototype.
7. Planning and designing the second prototype.
8. Constructing and testing the second prototype.

The team of the project follows a methodology as to which the project would be initiated. The methodology adopted carries various approaches to be used in the project. Data flow Diagram, charts, flow charts are used to show the concept of the project.

**The various methodologies adopted are:-**

1. Data flow diagram: Data flow diagram is used to depict the transaction of the data, processing of the data and flow of data. It also shows the relationship between entities.
2. Charts: Chart represents the picture of the project structure which includes organization and system structure.
3. Flow chart: Flow chart is the pictorial representation of the complete flow of the project. It shows the sequence and the direction of the project.

**4.5 System Implementation:-**

The system implementation is very effective of the project to the system requirement data. It is a system requirement implementation of the system analysis. System requirement of the data to the system maintenance and data recovery

After getting our project coding complete we have to get the project Implemented on system for use, therefore to implement our project following should be done:

* MS Access 2007 should be installed with appropriate Database.

Operation implied by a message that is passed to an object. Implementation details include information about the object’s private part; that is, internal details about the data structure that describe the object’s attributes and procedural details that describe operations.

An Implementation description that shows implementation details for each

The protocol description is nothing more than a set of message and a corresponding comment for each message.

For example, a portion of the protocol description for the object of Database.

5. **Details of Hardware &Software requirements:-**

**System Requirement:**

1. **Hardware Specification:-**

It is recommended that the minimum configuration for clients is as appended below:-

Suggested Configuration of Windows clients:-

Microprocessor : Pentium-4 class processor, 2.2 GHz

Ram : 1GB of RAM.

Hard Disk : 10 gigabytes (GB) on installation drive, which includes 500 MB on system drive.

CD ROM Drive : 52 X CD ROM Drive.

1. **Software Specifications:-**

Operating System : Windows 7.

RDBMS : MS Access 2007/ Sql Server 2008.

Front End : Microsoft Visual Studio 2010.

This system was developed under window 8. It is complete with all 64-bit versions of windows operating system. Windows is a popular and largest used operating system in the world because it is easy to understand and provides an easy interface to users.

**6. DFD/Flow Charts:-**

The Data flow Diagram shows the flow of data. It is generally made of symbols given below:

A square shows the Entity.

A Circle shows the Process

An open Ended Rectangle shows the data store.

An arrow shows the data flow.

The DFD can be up to several levels. The 0 level DFD states the flow of data in the system as seen from the outward in each module.

The first level DFD show more detail, about the single process of the 0 level DFD

The second level DFD can show even more details and so on.

**Construction a DFD:**

1. Process should be named.
2. The direction of flow is from top to bottom and from left to right.
3. When a process is exploded into lower level details, they are numbered.
4. The name of data stores, sources, and destinations are written in capital letters. Process and data flow names have the first letter of each word capitalized.

**0 - LEVEL DFD**

**Admin/User**

**DATABASE**

**1 - LEVEL DFD**

**ADMIN Login**

**DATABASE**

**Login**

**User**

**ADMINISTRATOR**

**Optical shop MANAGEMENT SYSTEM**

Login

**DATABASE**

**ADMIN can view all details of agency**

**7. Database Structure:-**

**Tables:-**

Table 1: login Table

|  |  |
| --- | --- |
| **Field** | **Type** |
| UserName | varchar |
| password | varchar |
| usertype | varchar |

Table 2: Customer

|  |  |
| --- | --- |
| **Field** | **Type** |
| CustomerID | autonumber |
| customerName | varchar |
| Address | varchar |
| Phone | datetime |
| EyePower | varchar |
| ConsultantDocotor | varchar |

Table 3: Product

|  |  |
| --- | --- |
| **Field** | **Type** |
| ProuductID | AutoNumber |
| ProductName | Varchar |
| Eyepower | Varchar |
| GlassType | Varchar |
| Frametype | Varchar |
| Price | number |

Table 4: Doctor

|  |  |
| --- | --- |
| **Field** | **Type** |
| DoctorID | autonumber |
| DoctorName | Varchar |
| Qualification | Varchar |
| Hospitanname | Nvarchar |
| Phone | numeric |
| Email | nvarchar |

Table 5: tblSales

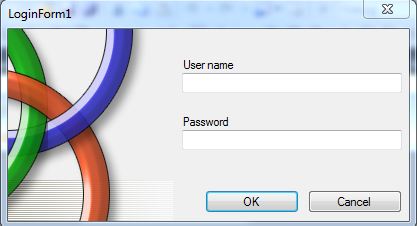
|  |  |
| --- | --- |
| **Field** | **Type** |
| Bill | AutoNumber |
| customerID | varhcar |
| CustomerName | Varchar |
| CustAddress | Varchar |
| Phone | Numeric |
| Eyepower | Varchar |
| consultantDoctor | Varchar |
| productID | Number |
| PEyePower | Varchar |
| GlassType | Varchar |
| Price | Number |
| Quantity | Number |
| TotalPrice | Number |
| DoctorID | Number |
| Qualification | Varchar |
| HospitalName | Varchar |
| Dphone | Varchar |
| Email | Varchar |
| Productname | Varchar |
| Dateofsale | Date |
| Frametype | varchar |

**8.SCREEN DESIGN:-**

**HOME :-**



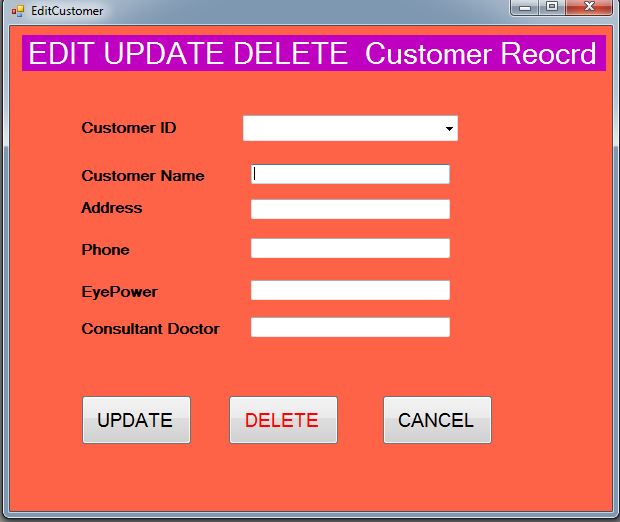
**LOGIN :-**



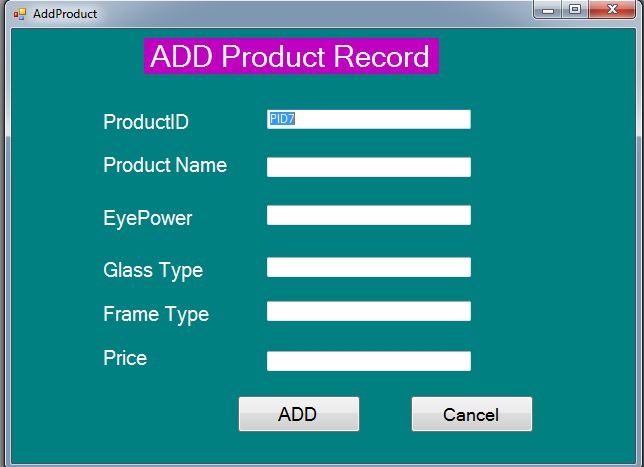
**Add Customer:-**



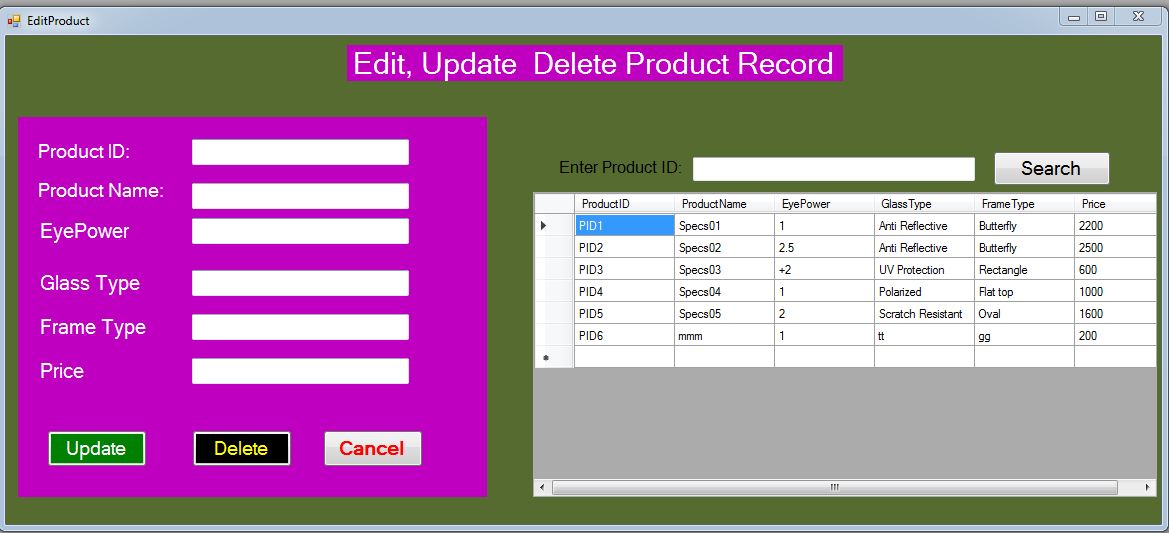
**Edit & Update Customer:-**



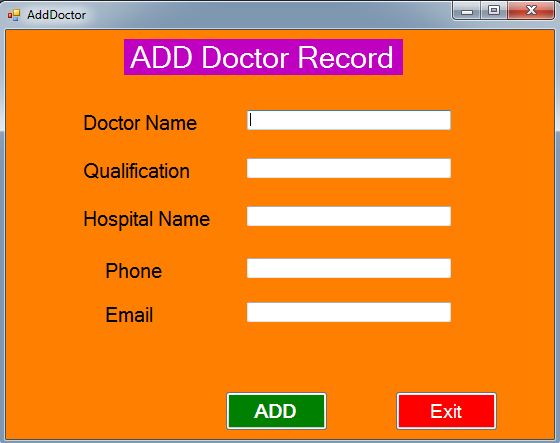
**Add Product:-**



**Edit Product:**



**Add Doctor:**



**Edit Doctor:**



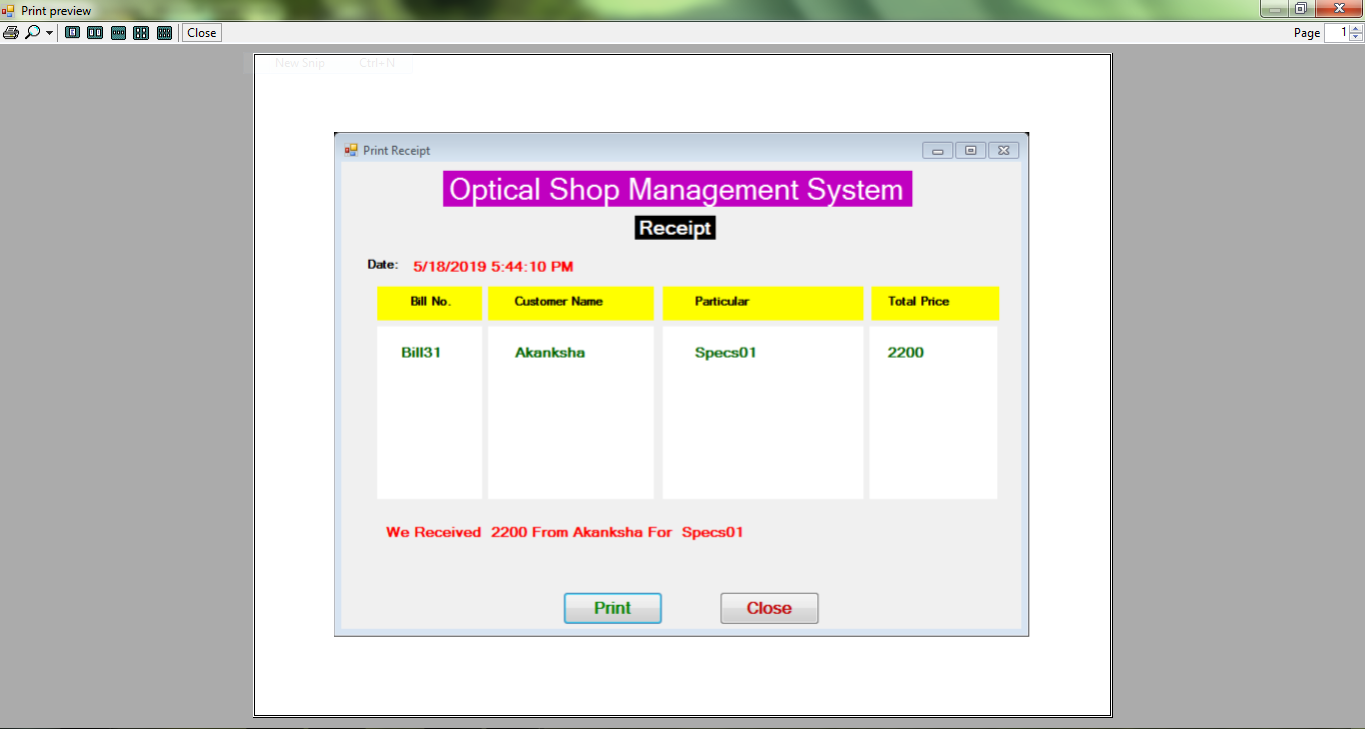
**Sales form:**



**Show Receipt Form:**



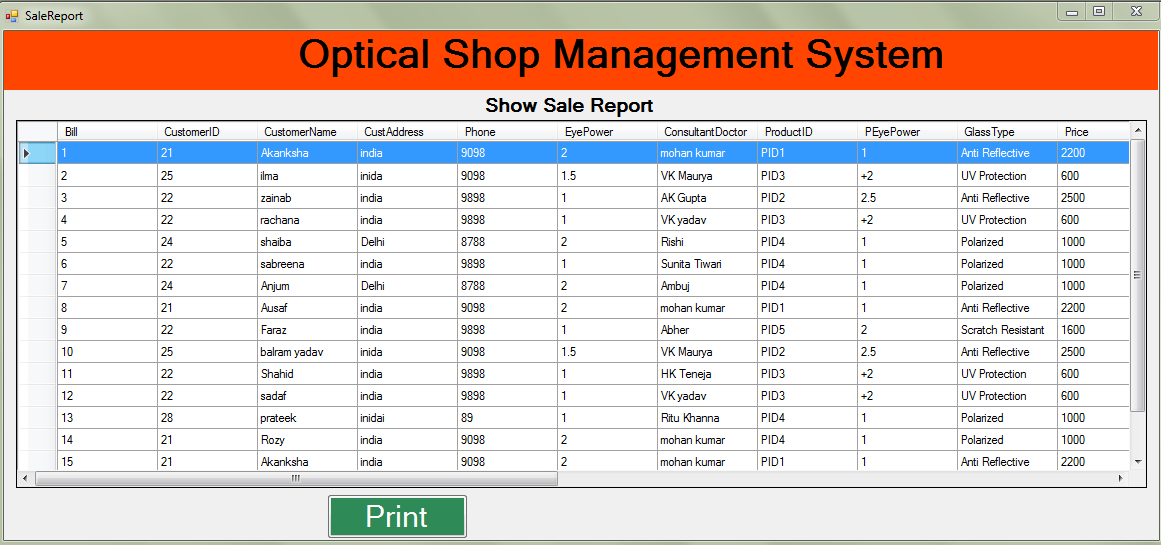
**Print Receipt form:**



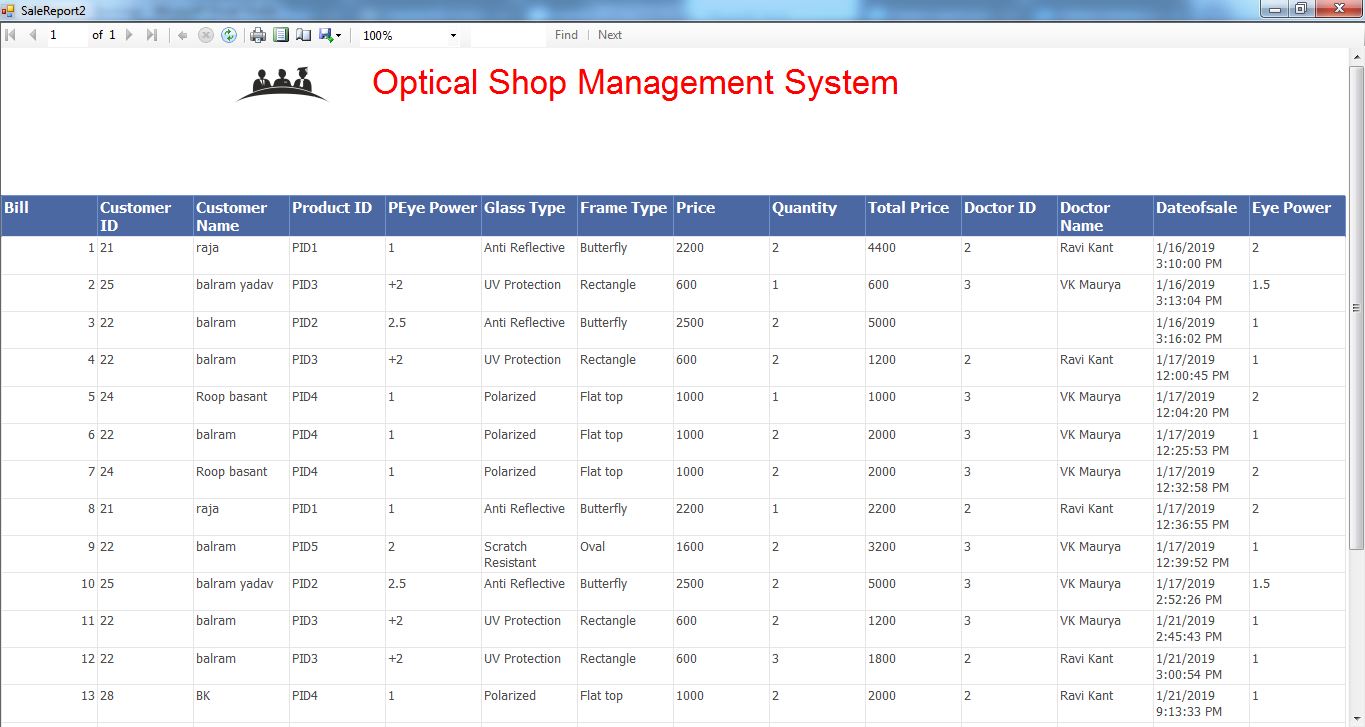
**Show all Details:**



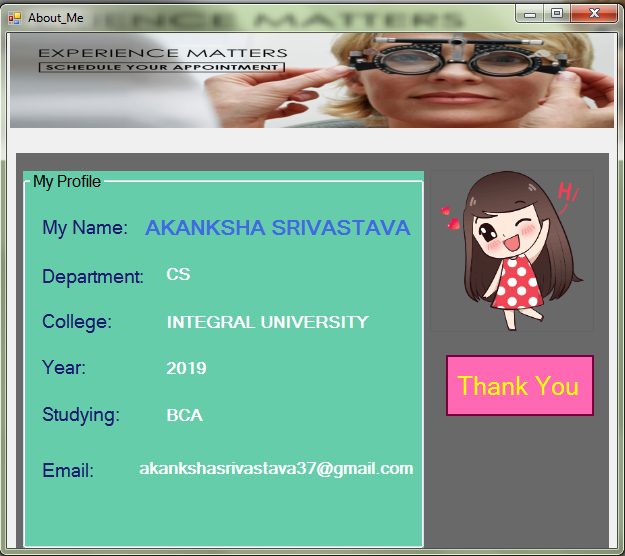
**Show Sales Report:**



**All Sales Report:**

****

**About Me:**

****

1. **Coding:-**

**Login Form:**

Imports System.Data

Imports System.Data.OleDb

Public Class LoginForm1

Public name1 As String

Private Sub OK\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles OK.Click

con.Close()

If UsernameTextBox.Text = "" Then UsernameTextBox.Focus() : Exit Sub

If PasswordTextBox.Text = "" Then PasswordTextBox.Focus() : Exit Sub

cmd = New OleDbCommand("Select \* from Login where UserName=@UserName and Password=@Password", con)

Dim UParam As New OleDb.OleDbParameter("@UserName", Me.UsernameTextBox.Text)

Dim PassParam As New OleDb.OleDbParameter("@Password", Me.PasswordTextBox.Text)

cmd.Parameters.Add(UParam)

cmd.Parameters.Add(PassParam)

cmd.Connection = con

cmd.Connection.Open()

Dim dr As OleDbDataReader = cmd.ExecuteReader()

If dr.HasRows Then

con.Close()

My.Forms.MDIParent1.Show()

Me.Close()

Else

MsgBox("UserID & Password Not Matched", MsgBoxStyle.Critical, MsgBoxStyle.OkOnly)

End If

'str = "Select \* from Login where UserName='" + UsernameTextBox.Text + "' and Password='" + PasswordTextBox.Text + "'"

'cmd = New OleDbCommand(str, con)

'con.Open()

'Dim dr As OleDbDataReader = cmd.ExecuteReader()

'If dr.HasRows Then

' con.Close()

' My.Forms.MDIParent1.Show()

' Me.Close()

'Else

' MsgBox("UserID & Password Not Matched", MsgBoxStyle.Critical, MsgBoxStyle.OkOnly)

'End If

'con.Close()

End Sub

Private Sub Cancel\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Cancel.Click

Me.Close()

End Sub

Private Sub UsernameTextBox\_KeyPress(ByVal sender As System.Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles UsernameTextBox.KeyPress

If Asc(e.KeyChar) <> 8 Then

If Asc(e.KeyChar) < 65 Or Asc(e.KeyChar) > 122 Then

e.Handled = True

End If

End If

End Sub

End Class

**Home Form:**

Imports System.Windows.Forms

Public Class MDIParent1

Private Sub ExitToolsStripMenuItem\_Click(ByVal sender As Object, ByVal e As EventArgs)

Me.Close()

End Sub

Private Sub CutToolStripMenuItem\_Click(ByVal sender As Object, ByVal e As EventArgs)

' Use My.Computer.Clipboard to insert the selected text or images into the clipboard

End Sub

Private Sub CopyToolStripMenuItem\_Click(ByVal sender As Object, ByVal e As EventArgs)

' Use My.Computer.Clipboard to insert the selected text or images into the clipboard

End Sub

Private Sub PasteToolStripMenuItem\_Click(ByVal sender As Object, ByVal e As EventArgs)

'Use My.Computer.Clipboard.GetText() or My.Computer.Clipboard.GetData to retrieve information from the clipboard.

End Sub

Private Sub ToolBarToolStripMenuItem\_Click(ByVal sender As Object, ByVal e As EventArgs)

End Sub

Private Sub StatusBarToolStripMenuItem\_Click(ByVal sender As Object, ByVal e As EventArgs)

End Sub

Private Sub CascadeToolStripMenuItem\_Click(ByVal sender As Object, ByVal e As EventArgs)

Me.LayoutMdi(MdiLayout.Cascade)

End Sub

Private Sub TileVerticalToolStripMenuItem\_Click(ByVal sender As Object, ByVal e As EventArgs)

Me.LayoutMdi(MdiLayout.TileVertical)

End Sub

Private Sub TileHorizontalToolStripMenuItem\_Click(ByVal sender As Object, ByVal e As EventArgs)

Me.LayoutMdi(MdiLayout.TileHorizontal)

End Sub

Private Sub ArrangeIconsToolStripMenuItem\_Click(ByVal sender As Object, ByVal e As EventArgs)

Me.LayoutMdi(MdiLayout.ArrangeIcons)

End Sub

Private Sub CloseAllToolStripMenuItem\_Click(ByVal sender As Object, ByVal e As EventArgs)

' Close all child forms of the parent.

For Each ChildForm As Form In Me.MdiChildren

ChildForm.Close()

Next

End Sub

Private m\_ChildFormNumber As Integer

Private Sub ExitToolStripMenuItem\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ExitToolStripMenuItem.Click

Dim res As Integer = MsgBox("Do You Really Want to logout The Application.?", MsgBoxStyle.YesNo)

If res = DialogResult.No Then

ElseIf res = DialogResult.Yes Then

LoginForm1.Show()

Me.Hide()

End If

End Sub

Private Sub MDIParent1\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

LoginForm1.Show()

End Sub

Private Sub ADDCustomerToolStripMenuItem\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ADDCustomerToolStripMenuItem.Click

Customer.Show()

End Sub

Private Sub EDITCustomerToolStripMenuItem\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles EDITCustomerToolStripMenuItem.Click

EditCustomer.Show()

End Sub

Private Sub MDIParent1\_FormClosing(ByVal sender As System.Object, ByVal e As System.Windows.Forms.FormClosingEventArgs) Handles MyBase.FormClosing

Application.Exit()

End Sub

Private Sub ADDProductToolStripMenuItem\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ADDProductToolStripMenuItem.Click

AddProduct.Show()

End Sub

Private Sub EDITProductToolStripMenuItem\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles EDITProductToolStripMenuItem.Click

EditProduct.Show()

End Sub

Private Sub ADDDctorToolStripMenuItem\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ADDDctorToolStripMenuItem.Click

AddDoctor.Show()

End Sub

Private Sub EDITDoctorToolStripMenuItem\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles EDITDoctorToolStripMenuItem.Click

EditDoctor.Show()

End Sub

Private Sub SalesToolStripMenuItem\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles SalesToolStripMenuItem.Click

SaleForm.Show()

End Sub

Private Sub CustomerReportsToolStripMenuItem\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles CustomerReportsToolStripMenuItem.Click

ALLDetails.Show()

End Sub

Private Sub ProductReportsToolStripMenuItem\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ProductReportsToolStripMenuItem.Click

ALLDetails.Show()

End Sub

Private Sub DoctorReportsToolStripMenuItem\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles DoctorReportsToolStripMenuItem.Click

ALLDetails.Show()

End Sub

Private Sub SalesReportsToolStripMenuItem\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles SalesReportsToolStripMenuItem.Click

SaleReport.Show()

End Sub

Private Sub AboutMeToolStripMenuItem1\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles AboutMeToolStripMenuItem1.Click

About\_Me.Show()

End Sub

Private Sub Button1\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click

Dim result As Integer = MsgBox("Do You Really Want To Logout The Application.?", MsgBoxStyle.YesNo)

If result = DialogResult.No Then

ElseIf result = DialogResult.Yes Then

My.Forms.LoginForm1.UsernameTextBox.Text = ""

My.Forms.LoginForm1.PasswordTextBox.Text = ""

LoginForm1.Show()

Me.Hide()

End If

End Sub

Private Sub AboutSoftwareToolStripMenuItem\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles AboutSoftwareToolStripMenuItem.Click

AboutBox1.ShowDialog()

End Sub

End Class

**Add Customer:**

Imports System.Data

Imports System.Data.OleDb

Public Class Customer

Private Sub Button1\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click

If TextBox1.Text = "" Then TextBox1.Focus() : Exit Sub

If TextBox2.Text = "" Then TextBox2.Focus() : Exit Sub

If TextBox3.Text = "" Then TextBox3.Focus() : Exit Sub

If TextBox4.Text = "" Then TextBox4.Focus() : Exit Sub

If TextBox5.Text = "" Then TextBox5.Focus() : Exit Sub

Try

con.Open()

cmd = New OleDbCommand("Insert into Customer(CustomerName,Address,Phone,EyePower,ConsultantDoctor) values( '" + TextBox1.Text + "','" + TextBox2.Text + "','" + TextBox3.Text + "','" + TextBox4.Text + "','" + TextBox5.Text + "')", con)

Dim i As Integer = cmd.ExecuteNonQuery()

If (i > 0) Then

MsgBox("Record saved successfully ", MsgBoxStyle.Information, MsgBoxStyle.OkOnly)

SearchID()

clr()

Else

MsgBox("Record NOT saved ", MsgBoxStyle.Critical, MsgBoxStyle.OkOnly)

End If

Catch ex As Exception

MsgBox("Error", ex.Message)

Finally

con.Close()

End Try

con.Close()

End Sub

Public Sub clr()

TextBox1.Clear()

TextBox2.Text = ""

TextBox3.Clear()

TextBox4.Clear()

TextBox5.Clear()

End Sub

Public Sub SearchID()

con.Close()

con.Open()

cmd = New OleDbCommand("Select MAX(CustomerID) from Customer", con)

Dim dr As OleDbDataReader

Try

dr = cmd.ExecuteReader()

While dr.Read

Dim CusID As String = dr.GetValue(0).ToString()

MessageBox.Show("Your Registration Done...!" & vbCrLf & "Your ID=" & CusID & "")

End While

Catch ex As Exception

MsgBox("Error", ex.Message)

Finally

con.Close()

End Try

End Sub

Private Sub Button2\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button2.Click

Me.Close()

End Sub

End Class

**Edit Customer:**

Imports System.Data.OleDb

Public Class EditCustomer

Private Sub EditCustomer\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

con.Close()

CusID()

End Sub

Public Sub CusID()

ComboBox1.Items.Clear()

ds.Clear()

con.Close()

con.Open()

str = "Select \* From Customer"

cmd = New OleDbCommand(str, con)

da.SelectCommand = cmd

da.Fill(ds, "Customer")

Dim a As Integer = ds.Tables("Customer").Rows.Count - 1

For i As Integer = 0 To a

ComboBox1.Items.Add(ds.Tables("Customer").Rows(i)(0).ToString())

Next

End Sub

Private Sub ComboBox1\_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ComboBox1.SelectedIndexChanged

con.Close()

con.Open()

cmd = New OleDbCommand(str, con)

If IsNumeric(ComboBox1.Text) Then

cmd.CommandText = "select \* from Customer where CustomerID=@cid"

cmd.Prepare()

cmd.Parameters.AddWithValue("@cid", ComboBox1.Text)

Dim dr As OleDbDataReader = cmd.ExecuteReader()

Try

If dr.Read() Then

TextBox1.Text = dr.GetValue(1)

TextBox2.Text = dr.GetValue(2)

TextBox3.Text = dr.GetValue(3)

TextBox4.Text = dr.GetValue(4)

TextBox5.Text = dr.GetValue(5)

dr.Close()

End If

Catch ex As Exception

MsgBox("", ex.Message)

dr.Close()

Finally

con.Close()

End Try

End If

End Sub

Private Sub Button1\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click

If TextBox1.Text = "" Or TextBox2.Text = "" Or TextBox3.Text = "" Or TextBox4.Text = "" Or TextBox5.Text = "" Or ComboBox1.Text = "" Then

MsgBox("PLZ FIll the details")

Exit Sub

End If

Try

con.Close()

con.Open()

str = "UPDATE Customer set CustomerName=@name,Address=@Address,Phone=@Phone,EyePower=@EP,ConsultantDoctor=@CD Where CustomerID=@CID"

cmd = New OleDbCommand(str, con)

cmd.Parameters.AddWithValue("@name", TextBox1.Text)

cmd.Parameters.AddWithValue("@Address", TextBox2.Text)

cmd.Parameters.AddWithValue("@Phone", TextBox3.Text)

cmd.Parameters.AddWithValue("@EP", TextBox4.Text)

cmd.Parameters.AddWithValue("@CD", TextBox5.Text)

cmd.Parameters.AddWithValue("@CID", ComboBox1.Text)

cmd.ExecuteNonQuery()

MsgBox("Record Updated successfully", MsgBoxStyle.Information, MsgBoxStyle.OkOnly)

Catch ex As Exception

MsgBox("", ex.Message)

Finally

con.Close()

End Try

con.Close()

End Sub

Private Sub Button2\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button2.Click

If TextBox1.Text = "" Or TextBox2.Text = "" Or TextBox3.Text = "" Or TextBox4.Text = "" Or TextBox5.Text = "" Or ComboBox1.Text = "" Then

MsgBox("Plz Fill all details")

Exit Sub

End If

Dim msg As Integer = MsgBox("Do You Really want to Delete Customer :-'" & TextBox1.Text & "' ?", MsgBoxStyle.YesNoCancel, "Delete Customer Record")

If msg = DialogResult.Yes Then

Try

con.Open()

str = "Delete From Customer where CustomerID=@ID"

cmd = New OleDbCommand(str, con)

cmd.Parameters.AddWithValue("@ID", ComboBox1.Text)

cmd.ExecuteNonQuery()

MsgBox("Customer Record Deleted", MsgBoxStyle.Information, MsgBoxStyle.OkOnly)

clr()

Dim ctr As Integer

'cn.Open()

ComboBox1.Items.Clear()

ds.Clear()

str = "select \* from Customer"

cmd = New OleDbCommand(str, con)

da.SelectCommand = cmd

da.Fill(ds, "Customer")

ctr = ds.Tables("Customer").Rows.Count - 1

For i = 0 To ctr

ComboBox1.Items.Add(ds.Tables("Customer").Rows(i)(0).ToString)

Next

Catch ex As Exception

MsgBox("Record Not Deleted")

Finally

con.Close()

End Try

End If

End Sub

Public Sub clr()

TextBox1.Text = ""

TextBox2.Clear()

TextBox3.Clear()

TextBox4.Clear()

TextBox5.Clear()

ComboBox1.Items.Clear()

End Sub

Private Sub EditCustomer\_FormClosing(ByVal sender As System.Object, ByVal e As System.Windows.Forms.FormClosingEventArgs) Handles MyBase.FormClosing

ComboBox1.Items.Clear()

Me.Hide()

End Sub

Private Sub Button3\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button3.Click

Me.Close()

End Sub

End Class

**Add Magazine:**

Imports System.Data.OleDb

Imports System.Data

Public Class AddMagazins

Private Sub AddMagazins\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

End Sub

Public Sub clr()

TextBox1.Clear()

TextBox2.Text = ""

TextBox3.Clear()

TextBox4.Clear()

TextBox5.Clear()

End Sub

Private Sub Button1\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click

If TextBox1.Text = "" Then TextBox1.Focus() : Exit Sub

If TextBox2.Text = "" Then TextBox2.Focus() : Exit Sub

If TextBox3.Text = "" Then TextBox3.Focus() : Exit Sub

If TextBox4.Text = "" Then TextBox4.Focus() : Exit Sub

If TextBox5.Text = "" Then TextBox5.Focus() : Exit Sub

Try

con.Open()

cmd = New OleDbCommand("insert into Magazine values('" & TextBox1.Text & "','" & TextBox2.Text & "','" & TextBox3.Text & "','" & TextBox4.Text & "','" & TextBox5.Text & "')", con)

Dim i As Integer = cmd.ExecuteNonQuery()

If (i > 0) Then

MsgBox("Record saved successfully ", MsgBoxStyle.Information, MsgBoxStyle.OkOnly)

clr()

Else

MsgBox("Record NOT saved ", MsgBoxStyle.Critical, MsgBoxStyle.OkOnly)

End If

Catch ex As Exception

MsgBox("", ex.Message)

Finally

con.Close()

End Try

End Sub

End Class

**Add Doctor:**

Imports System.Data.OleDb

Public Class AddDoctor

Private Sub Button1\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click

If TextBox1.Text = "" Then TextBox1.Focus() : Exit Sub

If TextBox2.Text = "" Then TextBox2.Focus() : Exit Sub

If TextBox3.Text = "" Then TextBox3.Focus() : Exit Sub

If TextBox4.Text = "" Then TextBox4.Focus() : Exit Sub

If TextBox5.Text = "" Then TextBox5.Focus() : Exit Sub

Try

con.Open()

cmd = New OleDbCommand("Insert into Doctor(DoctorName,Qualification,HospitalName,Phone,Email) values( '" + TextBox1.Text + "','" + TextBox2.Text + "','" + TextBox3.Text + "','" + TextBox4.Text + "','" + TextBox5.Text + "')", con)

Dim i As Integer = cmd.ExecuteNonQuery()

If (i > 0) Then

MsgBox("Record saved successfully ", MsgBoxStyle.Information, MsgBoxStyle.OkOnly)

clr()

Else

MsgBox("Record NOT saved ", MsgBoxStyle.Critical, MsgBoxStyle.OkOnly)

End If

Catch ex As Exception

MsgBox(ex.Message)

Finally

con.Close()

End Try

End Sub

Public Sub clr()

TextBox1.Clear()

TextBox2.Text = ""

TextBox3.Clear()

TextBox4.Clear()

TextBox5.Clear()

End Sub

End Class

**Edit Doctor:**

Imports System.Data.OleDb

Public Class EditDoctor

Private Sub EditDoctor\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

CusID()

End Sub

Public Sub CusID()

ComboBox1.Items.Clear()

ds.Clear()

con.Close()

con.Open()

str = "Select \* From Doctor"

cmd = New OleDbCommand(str, con)

da.SelectCommand = cmd

da.Fill(ds, "Doctor")

Dim a As Integer = ds.Tables("Doctor").Rows.Count - 1

For i As Integer = 0 To a

ComboBox1.Items.Add(ds.Tables("Doctor").Rows(i)(0).ToString())

Next

End Sub

Private Sub ComboBox1\_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ComboBox1.SelectedIndexChanged

con.Close()

con.Open()

cmd = New OleDbCommand(str, con)

If IsNumeric(ComboBox1.Text) Then

cmd.CommandText = "select \* from Doctor where DoctorID=@did"

cmd.Prepare()

cmd.Parameters.AddWithValue("@did", ComboBox1.Text)

Dim dr As OleDbDataReader = cmd.ExecuteReader()

Try

If dr.Read() Then

TextBox1.Text = dr.GetValue(1)

TextBox2.Text = dr.GetValue(2)

TextBox3.Text = dr.GetValue(3)

TextBox4.Text = dr.GetValue(4)

TextBox5.Text = dr.GetValue(5)

dr.Close()

End If

Catch ex As Exception

MsgBox("", ex.Message)

dr.Close()

Finally

con.Close()

End Try

End If

End Sub

Private Sub Button1\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click

If TextBox1.Text = "" Or TextBox2.Text = "" Or TextBox3.Text = "" Or TextBox4.Text = "" Or TextBox5.Text = "" Or ComboBox1.Text = "" Then

MsgBox("PLZ FIll the details")

Exit Sub

End If

Try

con.Close()

con.Open()

str = "UPDATE Doctor set DoctorName=@name,Qualification=@qul,HospitalName=@HN,Phone=@Phone,Email=@Email Where DoctorID=@dID"

cmd = New OleDbCommand(str, con)

cmd.Parameters.AddWithValue("@name", TextBox1.Text)

cmd.Parameters.AddWithValue("@qul", TextBox2.Text)

cmd.Parameters.AddWithValue("@HN", TextBox3.Text)

cmd.Parameters.AddWithValue("@Phone", TextBox4.Text)

cmd.Parameters.AddWithValue("@Email", TextBox5.Text)

cmd.Parameters.AddWithValue("@dID", ComboBox1.Text)

cmd.ExecuteNonQuery()

MsgBox("Record Updated successfully", MsgBoxStyle.Information, MsgBoxStyle.OkOnly)

Catch ex As Exception

MsgBox("", ex.Message)

Finally

con.Close()

End Try

con.Close()

End Sub

Private Sub Button2\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button2.Click

If TextBox1.Text = "" Or TextBox2.Text = "" Or TextBox3.Text = "" Or TextBox4.Text = "" Or TextBox5.Text = "" Or ComboBox1.Text = "" Then

MsgBox("Plz Fill all details")

Exit Sub

End If

Dim msg As Integer = MsgBox("Do You Really want to Delete Doctor :-'" & TextBox1.Text & "' ?", MsgBoxStyle.YesNoCancel, "Delete Customer Record")

If msg = DialogResult.Yes Then

Try

con.Open()

str = "Delete From Doctor where DoctorID=@ID"

cmd = New OleDbCommand(str, con)

cmd.Parameters.AddWithValue("@ID", ComboBox1.Text)

cmd.ExecuteNonQuery()

MsgBox("Customer Record Deleted", MsgBoxStyle.Information, MsgBoxStyle.OkOnly)

clr()

Dim ctr As Integer

'cn.Open()

ComboBox1.Items.Clear()

ds.Clear()

str = "select \* from Doctor"

cmd = New OleDbCommand(str, con)

da.SelectCommand = cmd

da.Fill(ds, "Doctor")

ctr = ds.Tables("Doctor").Rows.Count - 1

For i = 0 To ctr

ComboBox1.Items.Add(ds.Tables("Doctor").Rows(i)(0).ToString)

Next

Catch ex As Exception

MsgBox("Record Not Deleted")

Finally

con.Close()

End Try

End If

End Sub

Public Sub clr()

TextBox1.Text = ""

TextBox2.Clear()

TextBox3.Clear()

TextBox4.Clear()

TextBox5.Clear()

ComboBox1.Items.Clear()

End Sub

Private Sub Button3\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button3.Click

Me.Close()

End Sub

End Class

**Add Product:**

Imports System.Data.OleDb

Public Class AddProduct

Dim Lastno As Integer

Private Sub Button1\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click

con.Close()

If TextBox1.Text = "" Then TextBox1.Focus() : Exit Sub

If TextBox2.Text = "" Then TextBox2.Focus() : Exit Sub

If TextBox3.Text = "" Then TextBox3.Focus() : Exit Sub

If TextBox4.Text = "" Then TextBox4.Focus() : Exit Sub

If TextBox5.Text = "" Then TextBox5.Focus() : Exit Sub

If TextBox6.Text = "" Then TextBox5.Focus() : Exit Sub

Try

con.Open()

cmd = New OleDbCommand("Insert into Product(ProductID,ProductName,EyePower,GlassType,FrameType,Price) values('" & TextBox1.Text & "','" & TextBox2.Text & "','" & TextBox3.Text & "','" & TextBox4.Text & "','" & TextBox5.Text & "','" & TextBox6.Text & "')", con)

Dim i As Integer = cmd.ExecuteNonQuery()

If (i > 0) Then

MsgBox("Record saved successfully ", MsgBoxStyle.Information, MsgBoxStyle.OkOnly)

Dim result As Integer = MessageBox.Show("New Product Added. Want To Add Another One.", "Added", MessageBoxButtons.YesNo)

If result = DialogResult.Yes Then

clr()

con.Close()

con.Open()

str = "select \* from Product"

cmd = New OleDbCommand(str, con)

da.SelectCommand = cmd

da.Fill(ds, "Product")

Lastno = ds.Tables("Product").Rows.Count + 1

If Lastno >= 0 Then

TextBox1.Text = "PID" & Lastno

Else

TextBox1.Text = "PID" & 0

TextBox2.Focus()

End If

End If

Else

MsgBox("Record NOT saved ", MsgBoxStyle.Critical, MsgBoxStyle.OkOnly)

End If

Catch ex As Exception

MsgBox("Error", ex.Message)

Finally

con.Close()

End Try

End Sub

Private Sub AddProduct\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

con.Close()

con.Open()

str = "select \* from Product"

cmd = New OleDbCommand(str, con)

da.SelectCommand = cmd

da.Fill(ds, "Product")

'for ProductID Number

Lastno = ds.Tables("Product").Rows.Count + 1

If Lastno >= 0 Then

TextBox1.Text = "PID" & Lastno

Else

TextBox1.Text = "PID" & 0

End If

End Sub

Public Sub clr()

ds.Clear()

TextBox1.Clear()

TextBox2.Text = ""

TextBox3.Clear()

TextBox4.Clear()

TextBox5.Clear()

TextBox6.Clear()

End Sub

End Class

**Edit Product:**

Imports System.Data.OleDb

Public Class EditProduct

Private Sub EditProduct\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

getdata()

End Sub

Public Sub getdata()

con.Close()

con.Open()

Using cmd As New OleDbCommand()

cmd.CommandText = "Select \* from Product"

cmd.Connection = con

Dim dt As New DataTable()

Using da As New OleDbDataAdapter(cmd)

da.Fill(dt)

DataGridView1.DataSource = dt

End Using

End Using

End Sub

Private Sub Button1\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click

con.Close()

con.Open()

Using cmd As New OleDbCommand()

cmd.CommandText = "Select \* from Product where ProductID LIKE @ID + '%' "

cmd.Connection = con

cmd.Parameters.AddWithValue("@ID", TextBox1.Text.Trim())

Dim dt As New DataTable()

Using da As New OleDbDataAdapter(cmd)

da.Fill(dt)

If (dt.Rows.Count > 0) Then

DataGridView1.DataSource = dt

TextBox2.Text = dt.Rows(0)(0).ToString()

TextBox3.Text = dt.Rows(0)(1).ToString()

TextBox4.Text = dt.Rows(0)(2).ToString()

TextBox5.Text = dt.Rows(0)(3).ToString()

TextBox6.Text = dt.Rows(0)(4).ToString()

TextBox7.Text = dt.Rows(0)(5).ToString()

Else

MsgBox("Record Not Found", MsgBoxStyle.Critical, MsgBoxStyle.OkOnly)

End If

End Using

End Using

End Sub

Public Sub clr()

TextBox2.Clear()

TextBox3.Clear()

TextBox4.Clear()

TextBox5.Clear()

TextBox6.Clear()

TextBox7.Clear()

End Sub

Private Sub TextBox1\_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox1.TextChanged

clr()

getdata()

End Sub

Private Sub DataGridView1\_CellClick(ByVal sender As System.Object, ByVal e As System.Windows.Forms.DataGridViewCellEventArgs) Handles DataGridView1.CellClick

'For DataGridView Cell Click

Dim i As Integer

i = DataGridView1.CurrentRow.Index

Me.TextBox2.Text = DataGridView1.Item(0, i).Value

Me.TextBox3.Text = DataGridView1.Item(1, i).Value

Me.TextBox4.Text = DataGridView1.Item(2, i).Value

Me.TextBox5.Text = DataGridView1.Item(3, i).Value

Me.TextBox6.Text = DataGridView1.Item(4, i).Value

Me.TextBox7.Text = DataGridView1.Item(5, i).Value

End Sub

Private Sub Button2\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button2.Click

'FOR UPDATE

con.Close()

If TextBox1.Text = "" Or TextBox2.Text = "" Or TextBox3.Text = "" Or TextBox4.Text = "" Or TextBox5.Text = "" Or TextBox6.Text = "" Or TextBox7.Text = "" Then

MsgBox("PLZ FIll All details")

Exit Sub

End If

con.Open()

cmd = New OleDbCommand("Update [Product] Set [ProductName]='" & TextBox3.Text & "',[EyePower]='" & TextBox4.Text & "',[GlassType]='" & TextBox5.Text & "',[FrameType]='" & TextBox6.Text & "',[Price]='" & TextBox7.Text & "' Where [ProductID]='" & TextBox2.Text & "' ", con)

Try

cmd.ExecuteNonQuery()

MsgBox("Record UPDATE SUccessfully..")

clr()

getdata()

Catch ex As Exception

MsgBox(ex.Message)

Finally

cmd.Dispose()

con.Close()

End Try

End Sub

Private Sub Button3\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button3.Click

con.Close()

If TextBox2.Text = "" Then

MsgBox("PLZ FIll All details")

Exit Sub

End If

Dim msg As Integer = MsgBox("Do You Really want to Delete Customer :-'" & TextBox1.Text & "' ?", MsgBoxStyle.YesNoCancel, "Delete Customer Record")

If msg = DialogResult.Yes Then

con.Open()

cmd = New OleDbCommand("Delete from Product Where ProductID='" & TextBox2.Text & "'", con)

Try

cmd.ExecuteNonQuery()

MsgBox("Record deleted successfully")

clr()

getdata()

Catch ex As Exception

MsgBox(ex.Message)

Finally

con.Close()

End Try

End If

End Sub

Private Sub Button4\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button4.Click

clr()

Me.Close()

End Sub

Private Sub EditProduct\_FormClosed(ByVal sender As System.Object, ByVal e As System.Windows.Forms.FormClosedEventArgs) Handles MyBase.FormClosed

Me.Hide()

End Sub

End Class

**Magazine Sale:**

Imports System.Data

Imports System.Data.OleDb

Public Class MagazineSale

Dim Lastno As Integer

Public b, cn, np, t, d As String

Public Sub CusID()

ComboBox1.Items.Clear()

ds.Clear()

con.Close()

con.Open()

str = "Select \* From Customer"

cmd = New OleDbCommand(str, con)

da.SelectCommand = cmd

da.Fill(ds, "Customer")

Dim a As Integer = ds.Tables("Customer").Rows.Count - 1

For i As Integer = 0 To a

ComboBox1.Items.Add(ds.Tables("Customer").Rows(i)(0).ToString())

Next

End Sub

Public Sub magazinename()

ComboBox2.Items.Clear()

ds.Clear()

con.Close()

con.Open()

str = "Select \* From Magazine"

cmd = New OleDbCommand(str, con)

da.SelectCommand = cmd

da.Fill(ds, "Magazine")

Dim a As Integer = ds.Tables("Magazine").Rows.Count - 1

For i As Integer = 0 To a

ComboBox2.Items.Add(ds.Tables("Magazine").Rows(i)(0).ToString())

Next

End Sub

Public Sub clr()

TextBox1.Clear()

TextBox2.Clear()

TextBox3.Clear()

TextBox4.Clear()

TextBox5.Clear()

TextBox6.Clear()

TextBox7.Clear()

ComboBox1.Items.Clear()

ComboBox2.Items.Clear()

ComboBox3.Items.Clear()

End Sub

Private Sub Button1\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click

con.Close()

Try

str = "Insert into [MagazineSale]([CName],[Mname],[Lang],[Price],[Desc],[Concept],[NOD],[TotalPrice],[DOSale]) values('" + ComboBox1.Text + "','" + ComboBox2.Text + "','" + TextBox2.Text + "','" + TextBox3.Text + "','" + TextBox4.Text + "','" + TextBox5.Text + "','" + ComboBox3.Text + "','" + TextBox6.Text + "','" + TextBox7.Text + "')"

con.Open()

cmd = New OleDbCommand(str, con)

If cmd.ExecuteNonQuery() > 0 Then

MsgBox("Record save")

cn = ComboBox1.Text

b = TextBox1.Text

np = ComboBox2.Text

t = TextBox6.Text

d = TextBox7.Text

Me.Hide()

Receipt2.Show()

Else

MsgBox("Not save record")

clr()

End If

Catch ex As Exception

MsgBox(ex.Message)

End Try

'clr()

con.Close()

'bill()

'

'NewsPaper()

End Sub

Public Sub bill()

con.Close()

TextBox1.Clear()

con.Open()

str = "select \* from MagazineSale"

cmd = New OleDbCommand(str, con)

da.SelectCommand = cmd

da.Fill(ds, "MagazineSale")

'for ProductID Number

Lastno = ds.Tables("MagazineSale").Rows.Count + 1

If Lastno >= 0 Then

TextBox1.Text = "Bill-" & Lastno

Else

TextBox1.Text = "Bill-" & 0

End If

con.Close()

End Sub

Private Sub MagazineSale\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

bill()

CusID()

magazinename()

End Sub

Private Sub ComboBox2\_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ComboBox2.SelectedIndexChanged

con.Close()

con.Open()

cmd = New OleDbCommand(str, con)

If Not IsNumeric(ComboBox1.Text) Then

cmd.CommandText = "select \* from Magazine where Mname=@did"

cmd.Prepare()

cmd.Parameters.AddWithValue("@did", ComboBox2.Text)

Dim dr As OleDbDataReader = cmd.ExecuteReader()

Try

If dr.Read() Then

TextBox2.Text = dr.GetValue(1)

TextBox3.Text = dr.GetValue(2)

TextBox4.Text = dr.GetValue(3)

TextBox5.Text = dr.GetValue(4)

dr.Close()

End If

Catch ex As Exception

MsgBox("", ex.Message)

dr.Close()

Finally

con.Close()

End Try

End If

End Sub

Private Sub ComboBox3\_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ComboBox3.SelectedIndexChanged

Dim tot As Integer

tot = Val(TextBox3.Text) \* Val(ComboBox3.Text)

TextBox6.Text = Convert.ToString(tot)

End Sub

End Class

**Sales Report:**

Imports System.Data

Imports System.Data.OleDb

Public Class SaleReport

Private Sub SaleReport\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

Dgv()

End Sub

Public Sub Dgv()

ds.Clear()

con.Close()

con.Open()

str = "Select \* From tblSale"

Dim Adpt As New OleDbDataAdapter(str, con)

Adpt.Fill(ds, "tblSale")

DataGridView1.DataSource = ds.Tables(0)

con.Close()

End Sub

Private Sub Button1\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click

SaleReport2.Show()

End Sub

End Class

**All Details:**

Imports System.Data.OleDb

Imports System.Data

Public Class ALLDetails

Private Sub ALLDetails\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

ComboBox1.Visible = False

Button5.Visible = False

Label4.Visible = False

Label9.Visible = False

Label10.Visible = False

End Sub

Private Sub Button1\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click

TextBox1.Text = ""

ComboBox1.Visible = False

Button5.Visible = False

Label4.Visible = False

Label9.Visible = True

Label10.Visible = True

Dgv()

End Sub

Public Sub Dgv()

ds.Clear()

con.Close()

con.Open()

str = "Select \* From Customer"

Dim Adpt As New OleDbDataAdapter(str, con)

Adpt.Fill(ds, "Customer")

DataGridView1.DataSource = ds.Tables(0)

con.Close()

sum()

End Sub

Private Sub Button2\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button2.Click

TextBox1.Text = ""

ComboBox1.Visible = False

Button5.Visible = False

Label4.Visible = False

Label9.Visible = True

Label10.Visible = True

Dgv2()

End Sub

Public Sub Dgv2()

ds.Clear()

con.Close()

con.Open()

str = "Select \* From Doctor"

Dim Adpt As New OleDbDataAdapter(str, con)

Dim ds2 As DataSet = New DataSet

Adpt.Fill(ds2, "Doctor")

DataGridView1.DataSource = ds2.Tables(0)

con.Close()

sum()

End Sub

Private Sub Button3\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button3.Click

TextBox1.Text = ""

ComboBox1.Visible = False

Button5.Visible = False

Label4.Visible = False

Label9.Visible = True

Label10.Visible = True

Dgv3()

End Sub

Public Sub Dgv3()

ds.Clear()

con.Close()

con.Open()

str = "Select \* From Product"

Dim Adpt As New OleDbDataAdapter(str, con)

Dim ds3 As DataSet = New DataSet

Adpt.Fill(ds3, "Product")

DataGridView1.DataSource = ds3.Tables(0)

con.Close()

sum()

End Sub

Public Sub sum()

Label10.Text = DataGridView1.Rows.Count - 1

End Sub

Private Sub TextBox1\_KeyPress(ByVal sender As System.Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles TextBox1.KeyPress

Label4.Visible = True

ComboBox1.Visible = True

End Sub

Private Sub ComboBox1\_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ComboBox1.SelectedIndexChanged

Button5.Visible = True

End Sub

Private Sub Button5\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button5.Click

Label10.Visible = False

Label9.Visible = False

If ComboBox1.Text = "Customer" Then

search()

ElseIf ComboBox1.Text = "Doctor" Then

search2()

ElseIf ComboBox1.Text = "Product" Then

search3()

Else

MsgBox("Plz Select Table name form Combobox", MsgBoxStyle.Critical)

End If

End Sub

Public Sub search()

con.Close()

con.Open()

Using cmd As New OleDbCommand()

cmd.CommandText = "Select \* From Customer where CustomerID LIKE @ID + '%' "

cmd.Connection = con

cmd.Parameters.AddWithValue("@ID", TextBox1.Text.Trim())

Dim dt As New DataTable

Using da As New OleDbDataAdapter(cmd)

da.Fill(dt)

If (dt.Rows.Count > 0) Then

DataGridView1.DataSource = dt

Else

MsgBox("Record Not Found", MsgBoxStyle.Exclamation)

End If

End Using

End Using

End Sub

Public Sub search2()

con.Close()

con.Open()

Using cmd As New OleDbCommand()

cmd.CommandText = "Select \* From Doctor where DOctorID LIKE @ID + '%' "

cmd.Connection = con

cmd.Parameters.AddWithValue("@ID", TextBox1.Text.Trim())

Dim dt As New DataTable

Using da As New OleDbDataAdapter(cmd)

da.Fill(dt)

If (dt.Rows.Count > 0) Then

DataGridView1.DataSource = dt

Else

MsgBox("Record Not Found", MsgBoxStyle.Exclamation)

End If

End Using

End Using

DataGridView1.EnableHeadersVisualStyles = False

DataGridView1.Columns(0).HeaderCell.Style.BackColor = Color.Red

End Sub

Public Sub search3()

con.Close()

con.Open()

Using cmd As New OleDbCommand()

cmd.CommandText = "Select \* From Product where ProductID LIKE @ID + '%' "

cmd.Connection = con

cmd.Parameters.AddWithValue("@ID", TextBox1.Text.Trim())

Dim dt As New DataTable

Using da As New OleDbDataAdapter(cmd)

da.Fill(dt)

If (dt.Rows.Count > 0) Then

DataGridView1.DataSource = dt

Else

MsgBox("Record Not Found", MsgBoxStyle.Exclamation)

End If

End Using

End Using

DataGridView1.EnableHeadersVisualStyles = False

DataGridView1.Columns(0).HeaderCell.Style.BackColor = Color.Blue

End Sub

Private Sub Button4\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button4.Click

Me.Close()

End Sub

End Class

**All Report:**

Imports System.Data.OleDb

Imports System.Data

Public Class AllReport

Dim ctr As Integer

Dim tbl As String

Private mRow As Integer = 0

Private newpage As Boolean = True

Dim a As String

Private Sub AllReport\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

Label4.Visible = False

ComboBox1.Visible = False

Button5.Visible = False

Label7.Visible = False

Label8.Visible = False

Label9.Visible = False

Label10.Visible = False

End Sub

Public Sub Dgv()

ds.Clear()

con.Close()

con.Open()

str = "Select \* From Customer "

Dim Adpt As New OleDbDataAdapter(str, con)

Adpt.Fill(ds, "Customer")

DataGridView1.DataSource = ds.Tables(0)

sum()

con.Close()

End Sub

Public Sub Dgv2()

ds.Clear()

con.Close()

con.Open()

str = "Select \* From Doctor"

Dim Adpt As New OleDbDataAdapter(str, con)

Dim ds2 As DataSet = New DataSet

Adpt.Fill(ds2, "Doctor")

DataGridView1.DataSource = ds2.Tables(0)

sum()

con.Close()

End Sub

Public Sub div3()

ds.Clear()

con.Close()

con.Open()

str = "Select \* From Product"

Dim Adpt As New OleDbDataAdapter(str, con)

Dim ds3 As DataSet = New DataSet

Adpt.Fill(ds3, "Product")

DataGridView1.DataSource = ds3.Tables(0)

sum()

con.Close()

End Sub

Public Sub sum()

Label10.Text = DataGridView1.RowCount - 1

End Sub

Private Sub Button3\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button3.Click

TextBox1.Text = ""

ComboBox1.Visible = False

Button5.Visible = False

Label4.Visible = False

'Label7.Visible = True

'Label8.Visible = True

Label9.Visible = True

Label10.Visible = True

Dgv()

End Sub

Private Sub Button4\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button4.Click

TextBox1.Text = ""

ComboBox1.Visible = False

Button5.Visible = False

Label4.Visible = False

Label9.Visible = True

Label10.Visible = True

Dgv2()

End Sub

Private Sub Button5\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button5.Click

Label7.Visible = False

Label8.Visible = False

Label9.Visible = False

Label10.Visible = False

con.Close()

If ComboBox1.Text = "Customer" Then

search()

ElseIf ComboBox1.Text = "Doctor" Then

search2()

Else

MsgBox("Select Table Name from Combobox", MsgBoxStyle.Critical)

End If

End Sub

Public Sub search()

con.Close()

con.Open()

Using cmd As New OleDbCommand()

cmd.CommandText = "Select \* from Customer where CustomerID LIKE @ID + '%' "

cmd.Connection = con

cmd.Parameters.AddWithValue("@ID", TextBox1.Text.Trim())

Dim dt As New DataTable()

Using da As New OleDbDataAdapter(cmd)

da.Fill(dt)

If (dt.Rows.Count > 0) Then

DataGridView1.DataSource = dt

Else

MsgBox("Record Not Found", MsgBoxStyle.Critical, MsgBoxStyle.OkOnly)

End If

End Using

End Using

DataGridView1.EnableHeadersVisualStyles = False

DataGridView1.Columns(0).HeaderCell.Style.BackColor = Color.Blue

End Sub

Public Sub search2()

con.Close()

con.Open()

Using cmd As New OleDbCommand()

cmd.CommandText = "Select \* from Doctor where DoctorID LIKE @ID + '%' "

cmd.Connection = con

cmd.Parameters.AddWithValue("@ID", TextBox1.Text.Trim())

Dim dt As New DataTable()

Using da As New OleDbDataAdapter(cmd)

da.Fill(dt)

If (dt.Rows.Count > 0) Then

DataGridView1.DataSource = dt

Else

MsgBox("Record Not Found", MsgBoxStyle.Critical, MsgBoxStyle.OkOnly)

End If

End Using

End Using

End Sub

Private Sub TextBox1\_KeyPress(ByVal sender As System.Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles TextBox1.KeyPress

ComboBox1.Visible = True

Label4.Visible = True

End Sub

Private Sub ComboBox1\_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ComboBox1.SelectedIndexChanged

Button5.Visible = True

End Sub

Private Sub Button1\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click

TextBox1.Text = ""

ComboBox1.Visible = False

Button5.Visible = False

Label4.Visible = False

div3()

End Sub

End Class

**10. SECURITY ISSUES:-**

* In the Optical Shop Management process various security issues have been implemented. Like The User can’t enter in the system without a valid login name and password.
* This project can be upgraded in future and many more advanced features can be added to it.

**Access rights:-**

* Only Administrator able to access Database.
* Admin/user can only access Main menu. He/she cannot access Admin rights

**11. Limitation**

1. This project does not cancel the details once placed, due to using third party tool (Web Services) expect Admin.
2. User cannot change the details after submitting the Registration form.
3. Duplication is strictly prohibited.
4. This application have access any database
5. This application does not have any PDF file downloading with user administrator requirement.

**13. Bibliography:-**

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2. Beginning VB.Net

3. Mastering in VB.NET (Black Book)

4. Mastering in ASP.NET 3.5 (Stephan feather)

5. [www.google.com](http://www.google.com)