International School of Informatics & Management
Jaipur

Project on

Supermarket Billing System

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Synopsis

of

Supermarket Billing System
**Introduction**

The project is on Supermarket Billing. Supermarket is the place where customers come to purchase their daily using products and pay for that. So there is a need to calculate how many products are sold and to generate the bill for the customer.

In our project we have 3 users. First is the data entry operator who will enter the products in database. Second one is the administrator who will decide the taxes and commissions on the products and can see the report of any product. Third one is the bill calculating operator who will calculate the bill and print.

**Objective**

“To make software fast in processing, with good user interface so that user can change it and it should be used for a long time without error and maintenance.”

**Work Flow**

Work in the Supermarket will be done in the following way:

1. The product will come in the store.
2. Data entry operator will enter the information of the product in database.
3. The Administrator will enter the taxes and commissions for each product.
4. The customer will come and take the basket with him/her and choose the product and took it to the counter.
5. The bill calculating operator will check the products with the bar code detecting machine then it will match with product-id then it will show its information and price and the bill will be calculated and total payment will shown.
6. Customer will pay for the products.
7. All the products will be packed and delivered to the customer.
**Modules**

We will use 5 modules in this project. These are as follows:

**Module 1: Login–Id**
This module is made for the login of users. We know that we have 3 users so login-id is for:
- 1. Administrator
- 2. Data Entry Operator
- 3. Bill Calculating Operator

**Module 2: Apply taxes and commissions**
This module is for administrator who will
- 1. Set the taxes for the products.
- 2. Set the commissions for the products.

**Module 3: Check the Report**
This module is also for the administrator who can generate or check the report of the product and how many products are sold on particular date or in a period of time.

**Module 4: Enter the information about products**
This module is for data entry operator who will
- 1. Enter which products come in the store.
- 2. Prices and expiry date of the product.

**Module-5: Calculate the bill**
This module is for bill calculating operator who will
- 1. Calculate the bill.
- 2. Print it.
**Scope**

Our project has a big scope to do. We can:
1. Calculate the bill.
2. Give the bill to the customer.
3. Store how many products are sold.
4. Store products and their prices and with other information.
5. Set the rates of taxes and commission on the products.
6. Can see the report of the product in a fix period of time.
7. Change the Graphical User Interface of the system.

We can’t:
1. Calculate of the salaries of the employees.
2. Calculate the expanses on the product.

**Database**

Database is used to store data on the computer and fast retrieval of the data so we use Oracle 8i. We will make database by entering values in different tables like tables for the login-id, products in the store, etc.

**Programming Languages**

We will use following languages for the coding:
Front End: Visual Basic 6
Back End: Microsoft Access
SOFTWARE REQUIREMENTS

SPECIFICATION
Description of the Existing System

Many Supermarkets use this type of billing system for a decade. It is also improved many times according to requirements of sellers and customers. It does the same work that is calculating the bill, gives it to the customer and maintain proper database. They are accurate in calculation and printing, they also generate records.
A new concept is also added in the billing system is that they also maintain relationships with the customers who purchase more products from the store regularly. System also concerns their requirements and gives them more commission. It also shows the overall profit and profit on a particular product and give repots which items are required and which have cross their expiry date.

Bottlenecks of the Existing System

Every system has pros and cons so existing system also have many advantages and disadvantages. So the bottlenecks of the existing system are as follows:

1. **User Interface:** User Interface is not so much good that operators feel some problems in working.
2. **Graphical User Interface:** GUI is not good so the operators get bored by watching screen.
3. **Processing speed:** Processing speed of the software is not so much good to operate fast.
4. **Flexible:** Existing system is not so much flexible that can be changed according to the operators and customers.

5. **Automatic generation of the Reports:** Not able to automatically generate the reports and documents.

6. **Workload:** Sometimes the system hangs when workload is more.

7. **Error Free:** Sometimes the system gives error in the calculation in making the bill and in the information of the products due to workload.

8. **Man Power:** Existing system uses so many people to operate the system.

9. **Resources:** System does not use the resources properly.

**Advantages of the Proposed System**

To reduce the bottlenecks of the existing system there is a need to develop a new system. The new system should concern the requirements of the customer and the sellers. It has the following qualities:

1. Reduction in processing cost.
2. Error reduction.
3. Automatic posting.
4. Improve reporting.
5. Automatic production of the documents and Reports.
6. Faster response time.
7. Ability to meet user requirements.
8. Flexibility.
9. Reduced dependency.
10. Improves resource uses.
11. Reduction in use of the paper.
12. Reduction in Man Power.

Proposed system has these qualities including the qualities of the existing system.

**Feasibility Study**

“**Feasibility Study**” is a test of the system according to its workability, impact of the organization, ability to meet user needs and effective use of the resources.
We can test our system by different type of the feasibilities. There are 5 types of the feasibilities which are discussed here. These are as follows:

1. **Technical Feasibility:**

A study of resources availability that may affect the ability to achieve an acceptable system. This evaluation determines whether the technology needed for the proposed system is available or not. This system can be made in any language that support good user interface and easy database handling. Technical needs may include:

**Front-End Selection:** Front-End means a language that is used for user interface designing and coding. Front-End should have following qualities:
- It must have a graphical user interface that assist employees that are not from some IT background.
- Scalability and Extensibility
- Robustness
- According to the organization requirements and culture.
- Must provide excellent reporting features with good printing support.
- Platform independent.
- Easy to deploy and maintain.
- Event driven programming.
- Front-End must support some popular Back-End like MS Access, SQL Server and Oracle.

According to the above stated features we selected Visual C#.Net as Front –End for developing our project. Visual C#.Net is used in Microsoft Visual Studio.Net 2003.

**Back-End Selection:** Back-End means a language that is used for database management. Back-End should have following qualities:
- Multiple user support.
- Provide inherent feature for security.
- Efficient data retrieval and maintenance.
- Stored procedures.
• Popularity.
• Operating System compatible.
• Easy to install.
• Various drivers must be available.
• Efficient data handling.
• Easy to implement with Front-End.

According to the above stated features we selected Oracle as Back–End for developing our project. We will use Oracle 8i specifically because it has more feature features then other later versions and it is easy to make and maintain database. It is also easy to implement Oracle 8i with Visual C#.Net in Microsoft Visual Studio.Net 2003.

2. Economical Feasibility:

In this we consider following costs:
1. The cost to conduct a full system investigation.
2. The cost of hardware and software for class of application being considered.
3. The benefit in the form of the reduced cost.

Our system has a lot of features at a minimum cost so it is feasible to implement and it will be very much beneficial to the sellers in the reduced cost. It’s software and hardware cost is also low then the existing system.

3. Operational Feasibility:

In this feasibility we consider following points:
1. What changes will be brought with the system.
2. What new skills will be required? Do the existing staff members have these skills? If not, can they be trained in due course of time?

In the new system we made some major changes for the staff members so that they have to be trained to use the newly added facilities. These major changes are possible and give a new era in the Supermarket in production and sales management.
4. Schedule Feasibility:

Time evaluation is most important consideration in development of the project. So the project is concerned should be completed with fixed in scheduled time as far as company is concerned. New system is not so much big so it is easy to make in few days.

5. Behavioral Feasibility:

People are inherently resisted to change and a computer means “change is the only certainty”. An estimate should be made of how strong a reaction the user staff in going to have towards development of new system. Thus special efforts can be made to educate and train the staff.
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Project On
SUPERMARKET BILLING SYSTEM

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Coding
Private Sub Command1_Click()
Unload Me
End Sub

Private Sub Image1_Click()
End Sub

Private Sub Label3_Click()
End Sub

Change Password
CHANGE PASSWORD

Old Password

New Password

Change Password  Cancel
Dim db As Database
Dim rs As Recordset
Dim style As VbMsgBoxStyle
Dim result As VbMsgBoxResult

Private Sub Command1_Click()
If Text1.Text = rs!Password Then
    rs.Edit
    rs!Password = Text2.Text
    rs.Update
    Beep
    result = MsgBox("Password Suuccessfully Changed.", style, "Supermarket Billing 1.0")
    Unload Me
Else
    result = MsgBox("Incorrect Password.", style, "Supermarket Billing 1.0")
    Text1.Text = ""
    Text2.Text = ""
    Text1.SetFocus
End If
End Sub

Private Sub Command2_Click()
Unload Me
End Sub

Private Sub Form_Load()
Set db = OpenDatabase(App.Path + "\password.mdb")
Set rs = db.OpenRecordset("Table1")
End Sub
Coding

Dim a As String
Dim rs As Recordset
Dim rs1 As Recordset
Dim rs2 As Recordset
Dim db As Database
Dim db1 As Database

Private Sub Combo1_Click()
Set rs = db.OpenRecordset("Select * from Table1")
rs.MoveFirst
Text1.Text = ""
Text2.Text = ""
Text3.Text = ""
Text4.Text = ""
Text5.Text = ""
While Not rs.EOF
If Combo1.Text = rs!Name Then
Text1.Text = rs!designation
Text2.Text = rs!salary
End If
rs.MoveNext
Wend
End Sub

Private Sub Command1_Click()
MDIForm1.Enabled = True
Unload Me
End Sub
Private Sub Command2_Click()
rs1.AddNew
rs1!Name = Combo1.Text
rs1!designation = Text1.Text
rs1!salary = Text2.Text
rs1!leaves = Text3.Text
rs1!ot = Text4.Text
rs1!deductions = Text5.Text
rs1!netsalary = Text6.Text
rs1!Date = Label9.Caption
rs1!Time = Label8.Caption
rs1.Update
Beep
Beep
rs2.AddNew
rs2!Name = Combo1.Text
rs2!designation = Text1.Text
rs2!salary = Text2.Text
rs2!leaves = Text3.Text
rs2!ot = Text4.Text
rs2!deductions = Text5.Text
rs2!netsalary = Text6.Text
rs2!Date = Label9.Caption
rs2!Time = Label8.Caption
rs2.Update
CrystalReport1.Action = False
End Sub

Private Sub Command3_Click()
Dim a As Integer
Dim b As Integer
Dim ot As Integer
Dim net As Integer
Dim ded As Integer
a = Val(Text3.Text)
b = Val(Text4.Text)
ded = a * 10
Text5.Text = ded
ot = b * 5
Set rs = db.OpenRecordset("Select * from Table1")
rs.MoveFirst
While Not rs.EOF
If Combo1.Text = rs!Name Then
net = Val(rs!salary) + ot – ded
End If
rs.MoveNext
Wend
Text6.Text = net
Command2.Enabled = True
End Sub

Private Sub Form_Load()
Command2.Enabled = False
Command3.Enabled = False
Set db = OpenDatabase(App.Path + "\emp.mdb")
Set rs = db.OpenRecordset("Select name from Table1")
rs.MoveFirst
While Not rs.EOF
Combo1.AddItem rs!Name
rs.MoveNext
Wend
Label9.Caption = Date
Set db1 = OpenDatabase(App.Path + "\payslip.mdb")
Set rs1 = db1.OpenRecordset("Table1")
Set rs2 = db1.OpenRecordset("Table2")
db1.Execute("delete * from Table1")
End Sub

Private Sub Label9_Click()
End Sub

Private Sub Text4_Click()
Command3.Enabled = True
End Sub

Private Sub Timer1_Timer()
Label8.Caption = Time
End Sub
View Employee’s Detail

VIEW EMPLOYEE'S DETAIL

Employee Code

Name

Address

Designation

Salary

Reset  Home
Private Sub Command1_Click()
    Text3.SetFocus
    Text1.Text = ""
    Text3.Text = ""
    Text2.Text = ""
    Text5.Text = ""
    Text4.Text = ""
    rs.MoveFirst
    End Sub

Private Sub Command2_Click()
    Unload Me
    End Sub

Private Sub Command3_Click()
    While Not rs.EOF
        If rs!code = Text3.Text Then
            Text3.Text = rs!code
            Text1.Text = rs!Name
            Text2.Text = rs!address
            Text5.Text = rs!designation
            Text4.Text = rs!salary
            End If
            rs.MoveNext
        Wend
    End Sub

Private Sub Form_Load()
    Set db = OpenDatabase(App.Path + "\emp.mdb")
    Set rs = db.OpenRecordset("Table1")
    'Text1.SetFocus
End Sub
Private Sub Text3_Change()
End Sub

Save Employee’s Details

[Image of a form with fields for Employee Code, Name, Address, Designation, and Salary with options to Add New, Save, and Home]
Coding

Dim i As Integer
Private Sub Combo1_Click()
Command1.Enabled = True
End Sub

Private Sub Command1_Click()
rs!code = Text1.Text
rs!Name = Text3.Text
rs!address = Text2.Text
rs!designation = Combo1.Text
rs!salary = Text4.Text
rs.Update
Command1.Enabled = False
Text1.Text = ""
Text2.Text = ""
Text3.Text = ""
Text4.Text = ""
'Combo1.Text = ""
End Sub

Private Sub Command2_Click()
Unload Me
End Sub

Private Sub Command3_Click()
i = i + 1
Text1.Text = i
rs.AddNew
Text1.Enabled = False
Private Sub Form_Load()
Text1.Enabled = False
Text2.Enabled = False
Text3.Enabled = False
Text4.Enabled = False
Combo1.Enabled = False
Command1.Enabled = False
Combo1.AddItem ("Manager ")
Combo1.AddItem ("Cashier ")
Combo1.AddItem ("Accountant ")
Combo1.AddItem ("Sales ")
Combo1.AddItem ("Security ")
Combo1.AddItem ("Sweeper ")
Set db = OpenDatabase(App.Path + "\emp.mdb")
Set rs = db.OpenRecordset("Table1")
rs.MoveLast
Text1.Text = rs!code
i = rs!code
End Sub

Private Sub Text1_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
Text2.SetFocus
End If
End Sub
# Total Stock

## Total Stock Form

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Total Quantity</th>
</tr>
</thead>
</table>

[Home](#)
Coding

Dim db As Database
Dim rs As Recordset
Dim rs1 As Recordset

Private Sub Combo1_Click()
Set rs1 = db.OpenRecordset("select * from Table1 ")
Text1.Text = ""
rs1.MoveFirst
While Not rs1.EOF
If Combo1.Text = rs1!itemname Then
Text1.Text = Val(rs1!quantity) + Val(Text1.Text)
End If
rs1.MoveNext
Wend
End Sub

Private Sub Command1_Click()
Unload Me
End Sub

Private Sub Form_Load()
Set db = OpenDatabase(App.Path + "\save.mdb")
Set rs = db.OpenRecordset("Select distinct itemname from Table1 ")
rs.MoveFirst
While Not rs.EOF
Combo1.AddItem rs!itemname
rs.MoveNext
Wend
End Sub
Dim style As VbMsgBoxStyle
Dim result As VbMsgBoxResult
Dim db As Database
Dim rs As Recordset
Dim db1 As Database
Dim db4 As Database
Dim db2 As Database
Dim rs2 As Recordset
Dim rs1 As Recordset
Dim rs3 As Recordset
Dim rs4 As Recordset
Dim rs6 As Recordset

Private Sub Combo1_Click()
Set rs3 = db1.OpenRecordset("Table1")
rs3.MoveFirst
While Not rs3.EOF
If Combo1.Text = rs3!dealer Then
Combo2.AddItem rs3!product
'Combo3.AddItem rs3!price
'Combo4.AddItem rs3!Weight
End If
rs3.MoveNext
Private Sub Combo2_Click()
Set rs3 = db1.OpenRecordset("Table1")
rs3.MoveFirst
While Not rs3.EOF
If Combo2.Text = rs3!product Then
Combo3.AddItem rs3!price
Combo4.AddItem rs3!Weight
End If
rs3.MoveNext
Wend
End Sub

rs3.MoveNext
Wend
End Sub

Private Sub Command1_Click()
On Error Resume Next
rs.AddNew
rs!dealernname = Combo1.Text
rs!itemname = Combo2.Text
rs!price = Combo3.Text
rs!quantity = Text3.Text
rs!amount = Text2.Text
rs!date1 = Text1.Text
rs!time1 = Text4.Text
rs!Weight = Combo4.Text
rs.Update
result = MsgBox("Saved Successfully.", style, "Supermarket Billing 1.0")
Unload Me
Load Form7
Form7.Show
Form7.Move 0, 0
End Sub

Private Sub Command2_Click()
Unload Me
Load Form7
Form7.Show
Form7.Move 0, 0
End Sub

Private Sub Command3_Click()
Unload Me
End Sub

Private Sub Command5_Click()
End Sub

Private Sub Command6_Click()
rs.Delete
End Sub

Private Sub Form_Load()
Command1.Enabled = False
Text1.Text = Date
Set db1 = OpenDatabase(App.Path + "\deal1.mdb")
Set rs1 = db1.OpenRecordset("Table1")
Set rs2 = db1.OpenRecordset("Select distinct dealer from Table1 ")
Set rs4 = db1.OpenRecordset("Table1")
' Set db4 = apppath + OpenDatabase("c:\employee\transaction.mdb")
' opens record from transaction database
Set db2 = OpenDatabase(App.Path + "\save.mdb")
Set rs = db2.OpenRecordset("Table1")
'saves the purchased data to updated data
rs2.MoveFirst
While Not rs2.EOF
Combo1.AddItem rs2!dealer
rs2.MoveNext
Wend
End Sub
Private Sub Text1_Change()
End Sub

Private Sub Text2_Change()
Command1.Enabled = True
End Sub

Private Sub Text3_Change()
End Sub

Private Sub Timer1_Timer()
Text4.Text = Time
End Sub

Add New Product
Dim db1 As Database
Dim rs1 As Recordset
Dim rs2 As Recordset
Dim i As Integer

Private Sub Command1_Click()
rs1!code = Text1.Text
rs1!dealer = Combo1.Text
rs1!product = Text5.Text
rs1!price = Text6.Text
rs1!Weight = Text2.Text
rs1.Update
Command1.Enabled = False
Command3.Enabled = True
Text1.Text = ""
Text5.Text = ""
Text6.Text = ""
Text2.Text = ""
Combo1.Clear
End Sub

Private Sub Command2_Click()
Unload Me
End Sub

Private Sub Command3_Click()
  i = i + 1
  Text1.Text = i
  rs1.AddNew
  Text1.Enabled = False
  Combo1.Enabled = True
  Text5.Enabled = True
  Text6.Enabled = True
  Text2.Enabled = True
  Command1.Enabled = True
End Sub

Private Sub Form_Load()
  Command3.Enabled = True
  Command1.Enabled = False
  Text1.Enabled = False

  'saving the current records
  Set db1 = OpenDatabase(App.Path + "\deal1.mdb")
  Set rs1 = db1.OpenRecordset("Table1")
  'calling the dealer name field from other database
  Set db = OpenDatabase(App.Path + "\deal.mdb")
  Set rs2 = db.OpenRecordset("Select name from Table1")
  rs2.MoveFirst
  While Not rs2.EOF
    Combo1.AddItem rs2!Name
    rs2.MoveNext
  Wend
  rs1.MoveLast
  Text1.Text = rs1!code
  i = rs1!code
End Sub
Add a Dealer
Dim db1 As Database
Dim rs1 As Recordset
Dim rs2 As Recordset
Dim i As Integer
Private Sub Command1_Click()
    rs1!code = Text1.Text
    rs1!dealer = Combo1.Text
    rs1!product = Text5.Text
    rs1!price = Text6.Text
    rs1!Weight = Text2.Text
    rs1.Update
    Command1.Enabled = False
    Command3.Enabled = True
    Text1.Text = ""
    Text5.Text = ""
    Text6.Text = ""
    Text2.Text = ""
    Combo1.Clear
End Sub

Private Sub Command2_Click()
    Unload Me
End Sub

Private Sub Command3_Click()
    i = i + 1
    Text1.Text = i
    rs1.AddNew
    Text1.Enabled = False
    Combo1.Enabled = True
    Text5.Enabled = True
    Text6.Enabled = True
    Text2.Enabled = True
    Command1.Enabled = True
End Sub

View Sold Stock
View Sold Stock

Choose The Product

Quantity in Hand

Quantity Sold Out

Balance Stock

Home
Private Sub Combo1_Click()
    Set rs1 = db.OpenRecordset("Select * from Table1")
    Text2.Text = ""
    rs1.MoveFirst
    While Not rs1.EOF
        If Combo1.Text = rs1!product Then
            Text2.Text = Val(rs1!quantity) + Val(Text2.Text)
        End If
        rs1.MoveNext
    Wend
    Set rs2 = db1.OpenRecordset("Table1")
    Set rs2 = db1.OpenRecordset("Select * from Table1")
    Text1.Text = ""
    rs2.MoveFirst
    While Not rs2.EOF
        If Combo1.Text = rs2!itemname Then
            Text1.Text = Val(rs2!quantity) + Val(Text1.Text)
        End If
        rs2.MoveNext
    Wend
    Text3.Text = Val(Text1.Text) - Val(Text2.Text)
    If Val(Text3.Text) <= 4 Then
        result = MsgBox("WARNING STOCK LOW !!!.", style, "Supermarket")
    End If
End Sub
Private Sub Command1_Click()
Unload Me
End Sub

Private Sub Command2_Click()
CrystalReport1.Action = False
End Sub

Private Sub Form_Load()
Set db = OpenDatabase(App.Path + "\bill.mdb")
Set rs = db.OpenRecordset("Select distinct product from Table1 ")
rs.MoveFirst
While Not rs.EOF
Combo1.AddItem rs!product
rs.MoveNext
Wend
Set db1 = OpenDatabase(App.Path + "\save.mdb")
End Sub
Update Selling Price

Update only those Products whose Selling Price has not been Entered

- Products in The Stock
- Product Name
- Dealer Price
- Dealer Price
- Stock in Hand
- Weight
- Enter The Selling Price

Update  Home
Coding

Dim style As VbMsgBoxStyle
Dim result As VbMsgBoxResult
Dim db As Database
Dim db1 As Database
Dim rs As Recordset
Dim rs1 As Recordset
Dim rs2 As Recordset

Private Sub Combo1_Click()
    Set rs1 = db.OpenRecordset("select * from Table1 ")
    Text3.Text = ""
    rs1.MoveFirst
    While Not rs1.EOF
        If Combo1.Text = rs1!itemname Then
            Text3.Text = Val(rs1!quantity) + Val(Text3.Text)
            Text7.Text = rs1!itemname
            Text1.Text = rs1!dealername
            Text2.Text = rs1!price
            Text4.Text = rs1!Weight
            'Text5.Text = ""
            Text6.Text = ""
        rs2.MoveFirst
        While Not rs2.EOF
            If Combo1.Text = rs2!product Then
                'Text5.Text = rs2!code
                Text6.Text = rs2!sellingprice
            Else
                'Text5.Text = ""
                'Text6.Text = ""
                'Text5.SetFocus
            End If
        rs2.MoveNext
        Wend
        End If
    rs1.MoveNext
Wend
Private Sub Command2_Click()
rs2.AddNew
rs2!product = Text7.Text
rs2!dealer = Text1.Text
rs2!dealerprice = Text2.Text
rs2!quantity = Text3.Text
rs2!Weight = Text4.Text
rs2!sellingprice = Text6.Text
rs2.Update
result = MsgBox("Saved Successfully.", style, "Supermarket Billing 1.0")
Unload Me
Load Form10
Form10.Show
Form10.Move 0, 0
End Sub

Private Sub Command3_Click()
Unload Me
MDIForm1.Enabled = True
End Sub

Private Sub Form_Load()
Command2.Enabled = False
Set db1 = OpenDatabase(App.Path + "\stock.mdb")
Set rs2 = db1.OpenRecordset("Table1")
Set db = OpenDatabase(App.Path + "\save.mdb")
Set rs = db.OpenRecordset("Select distinct itemname from Table1")
rs.MoveFirst
While Not rs.EOF
Combo1.AddItem rs!itemname
rs.MoveNext
Wend
End Sub

Private Sub Text6_GotFocus()
Command2.Enabled = True
End Sub
Private Sub Text7_Change()
End Sub

View Old Bill

Choose Customer
Customer Number
Date
Time

<table>
<thead>
<tr>
<th>Serial No.</th>
<th>Product Name</th>
<th>Weight</th>
<th>Price</th>
<th>Quantity</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Home
Dim rs As Recordset
Dim rs1 As Recordset
Dim db As Database

Private Sub Combo1_Click()
Set rs1 = db.OpenRecordset("select * from Table1 ")
List1.Clear
List2.Clear
List4.Clear
List5.Clear
List6.Clear
List7.Clear
Text1.Text = ""
Text2.Text = ""
Text3.Text = ""
rs1.MoveFirst
While Not rs1.EOF
If Combo1.Text = rs1!customername Then
Text1.Text = rs1!customernumber
Text2.Text = rs1!Date
Text3.Text = rs1!Time
List1.AddItem rs1!itemnumber
List2.AddItem rs1!product
List4.AddItem rs1!Weight
List5.AddItem rs1!price
List6.AddItem rs1!quantity
List7.AddItem rs1!totalprice
End If
rs1.MoveNext
Wend
End Sub
Private Sub Command1_Click()
Unload Me
End Sub

Private Sub Form_Load()
Set db = OpenDatabase(App.Path + "\bill.mdb")
Set rs = db.OpenRecordset("Select distinct customername from Table1")
rs.MoveFirst
While Not rs.EOF
    Combo1.AddItem rs!customername
    rs.MoveNext
Wend
End
Create New Bill

<table>
<thead>
<tr>
<th>Serial No.</th>
<th>Product Name</th>
<th>Weight</th>
<th>Price</th>
<th>Quantity</th>
<th>Total</th>
</tr>
</thead>
</table>

**TOTAL Rs.**
Coding

Dim a As Integer
Dim b As Integer
Dim rs As Recordset
Dim rs1 As Recordset
Dim rs2 As Recordset
Dim rs3 As Recordset
Dim rs4 As Recordset
Dim rs5 As Recordset
Dim rs6 As Recordset
Dim db As Database
Dim db1 As Database
Dim db2 As Database
Dim i As Integer
Dim j As Integer

Private Sub Combo1_Click()
Set rs1 = db.OpenRecordset("Select * from Table1")
rs1.MoveFirst
Text4.Text = ""
Text5.Text = ""
While Not rs1.EOF
If Combo1.Text = rs1!product Then
Text3.Text = rs1!sellingprice
Text2.Text = rs1!Weight
End If
rs1.MoveNext
Wend
End Sub
Private Sub Command1_Click()
On Error Resume Next
rs2.AddNew
rs2!customernumber = Text7.Text
rs2!customername = Text10.Text
rs2!itemnumber = Text6.Text
rs2!product = Combo1.Text
rs2!Weight = Text2.Text
rs2!Price = Text3.Text
rs2!quantity = Text4.Text
rs2!totalprice = Text5.Text
rs2!Date = Text8.Text
rs2!Time = Text9.Text
rs2.Update
Beep
Beep
rs4.AddNew
rs4!customernumber = Text7.Text
rs4!customername = Text10.Text
rs4!itemnumber = Text6.Text
rs4!product = Combo1.Text
'rs4!code = Text1.Text
rs4!Weight = Text2.Text
rs4!Price = Text3.Text
rs4!quantity = Text4.Text
rs4!totalprice = Text5.Text
rs4!Date = Text8.Text
rs4!Time = Text9.Text
rs4.Update
List1.AddItem Text6.Text
List2.AddItem Combo1.Text
'List3.AddItem Text1.Text
List4.AddItem Text2.Text
List5.AddItem Text3.Text
List6.AddItem Text4.Text
List7.AddItem Text5.Text
Private Sub Command3_Click()
Unload Me
End Sub

Private Sub Command4_Click()
On Error Resume Next
List1.RemoveItem List1.ListCount - 1
List2.RemoveItem List2.ListCount - 1
'List3.RemoveItem List3.ListCount - 1
List4.RemoveItem List4.ListCount - 1
List5.RemoveItem List5.ListCount - 1
List7.RemoveItem List7.ListCount - 1
Label19.Caption = ""
i = i - 1
Text6.Text = i
End Sub

Private Sub Command5_Click()
db2.Execute( "delete * from Table1"")
End Sub

Private Sub Form_Load()
Text8.Text = Date
Set db = OpenDatabase(App.Path + "\stock.mdb")
Set rs = db.OpenRecordset("Select product from Table1")
rs.MoveFirst
While Not rs.EOF
Combo1.AddItem rs!product
rs.MoveNext
Wend
Set db1 = OpenDatabase(App.Path + "\bill.mdb")
Set rs2 = db1.OpenRecordset("Table1")
Set db2 = OpenDatabase(App.Path + "\temp.mdb")
Set rs4 = db2.OpenRecordset("Table1")
db2.Execute("delete * from Table1")

i = 1
Text6.Text = i
j = 0
Text7.Text = j
End Sub
Private Sub Label5_Click()
End Sub

Private Sub Text4_Change()
End Sub

Private Sub Timer1_Timer()
Text9.Text = Time
End Sub
Login

Enter Password

Login  Exit
Dim db As Database
Dim rs As Recordset
Dim style As VbMsgBoxStyle
Dim result As VbMsgBoxResult

Private Sub Command1_Click()
If Text1.Text = rs!Password Then
    style = vbOKOnly + vbInformation
    result = MsgBox("Correct Password.", style, "Supermarket Billing 1.0")
    Unload Me
    Load MDIForm1
    MDIForm1.Show
Else
    result = MsgBox("Incorrect Password.", style, "Supermarket Billing 1.0")
    Text1.Text = ""
    Text1.SetFocus
End If
End Sub

Private Sub Command2_Click()
End
End Sub
Private Sub Form_Load()
Set db = OpenDatabase(App.Path + "\password.mdb")
Set rs = db.OpenRecordset("Table1")
End Sub

Data Flow Diagram For Supermarket Billing System
Entity Relationship Diagram
Conclusion of Project
Our project is on supermarket Billing System. We have successfully completed it. We take this opportunity to express our sense of indebtedness and gratitude to all those people who helped us in completing this project.

We are immensely grateful to our esteemed faculty guide Assistant Prof. Mr Vijay Singh Rathore and other faculties for their supervision and guidance without which this work would not have been possible. This project has contributed a lot to my knowledge that has proved to be a value addition for me.