

Project Report

**On
Stock Management**

U G D C A Semester VI

Submitted to: -

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(Co-ordinator)

Submitted By:-

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Acknowledgement

The '**Stock Management**' is the outcome of my hard work under the leadership of Mr. Vikas Malviya and under the guidance of highly qualified co-ordinator. I am thankful to my teachers for technical support. My special thanks to the principal Dr. S. D. Singh for his immense support in providing such a nice infrastructure.

At last I pay my hearty thanks to my parents whose immense support has helped me in making this project and in completing my UGDCA Course.

Objective

This project '**Stock Management**' is made for management of Inventory during trade. The main objective of the development of this project is to develop a system to enable a user to create, modify and delete different masters viz. Suppliers, Customers and Stock Items with their classification.

It must also provide a facility to record the transaction and track any entry from its database. Database serves as tool for future reference and data retrieval. This software will be a great help for the purpose.

Declaration

I _____
D A V P G College
Varanasi

Hereby declare that the project report entitled
Stock Management

Is developed for the partial fulfillment of the
U G D C A Program

This project is the out come of my own work completed under the
guidance of

Mr. Vikas Malviya

† Name _____

Analysis & Design

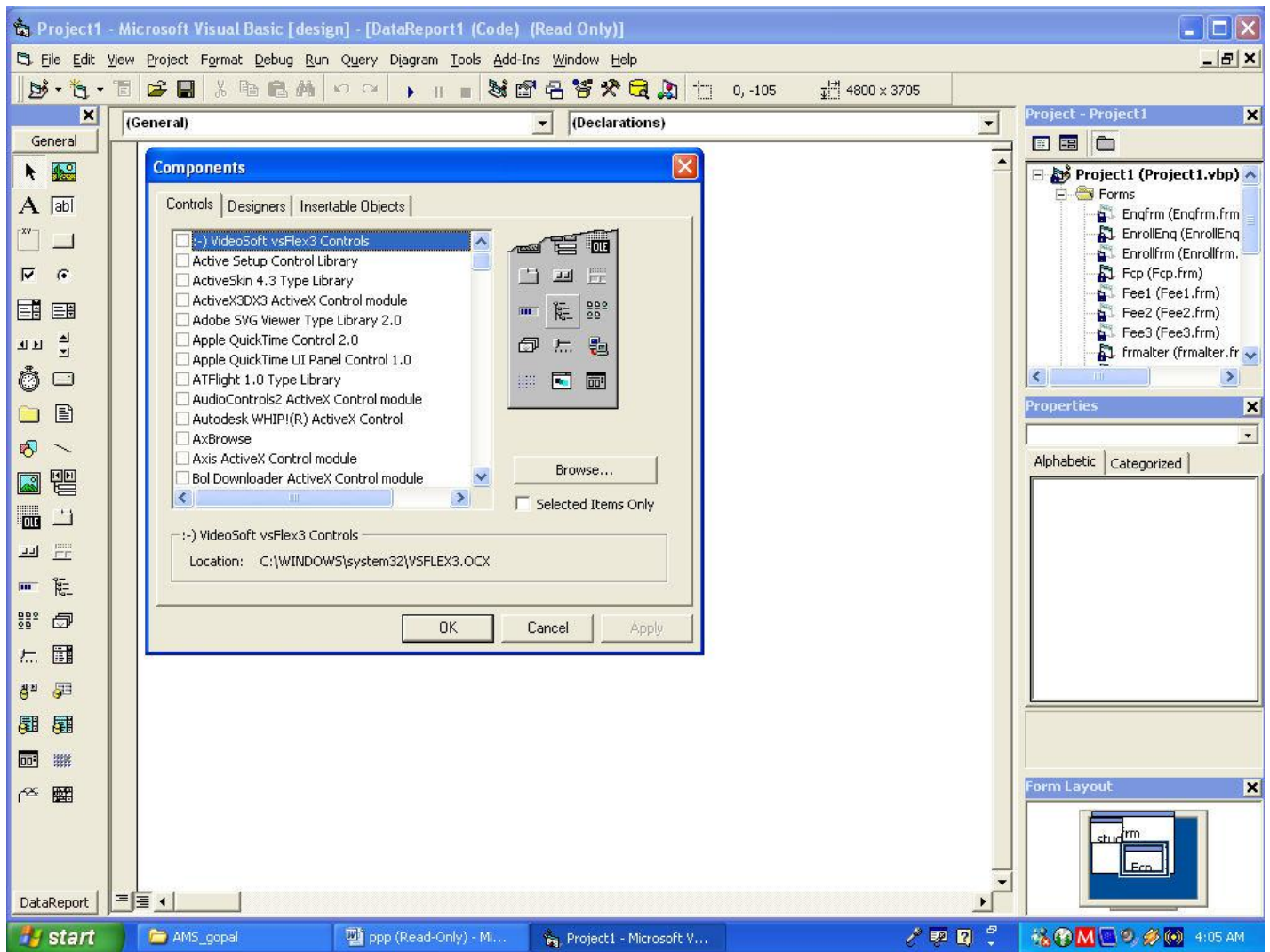
The project '**Stock Management**' was awarded to me by the Coordinator Dr. P. K. Sen.

Our college computer team had helped me in understanding the analysis of the project and their support I came to know about the difficulty and shortcomings of some of the **Inventory Control software**. Finally after a keen analysis I summed up that my requirement would be best fulfilled through not only generating the tickets rather maintenance of a database too.

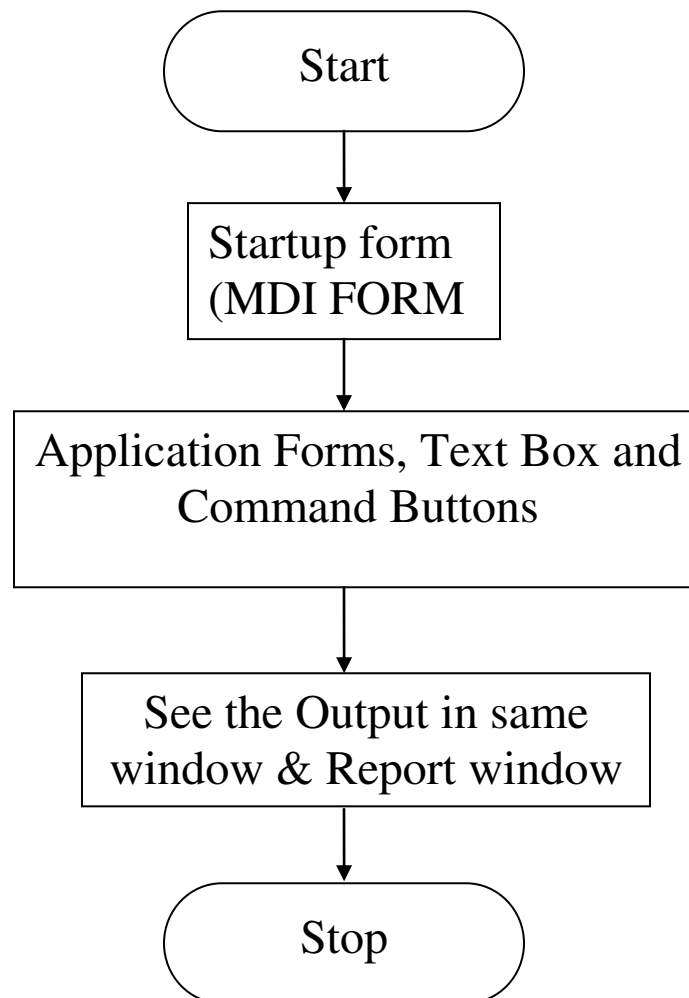
After the creation of all the masters, a user must be able to input the transaction of the trade. Suitable text boxes should be on the interface to record the transaction. There should be an easy access to track, alter or delete any transaction entry. Appropriate buttons should be there to control the application.

The silent features of the project '**Stock Management**' are given in detail in the following pages.

The general look of V.B. 6.0 Component used in the project:



Program Structure



SDLC STEPS

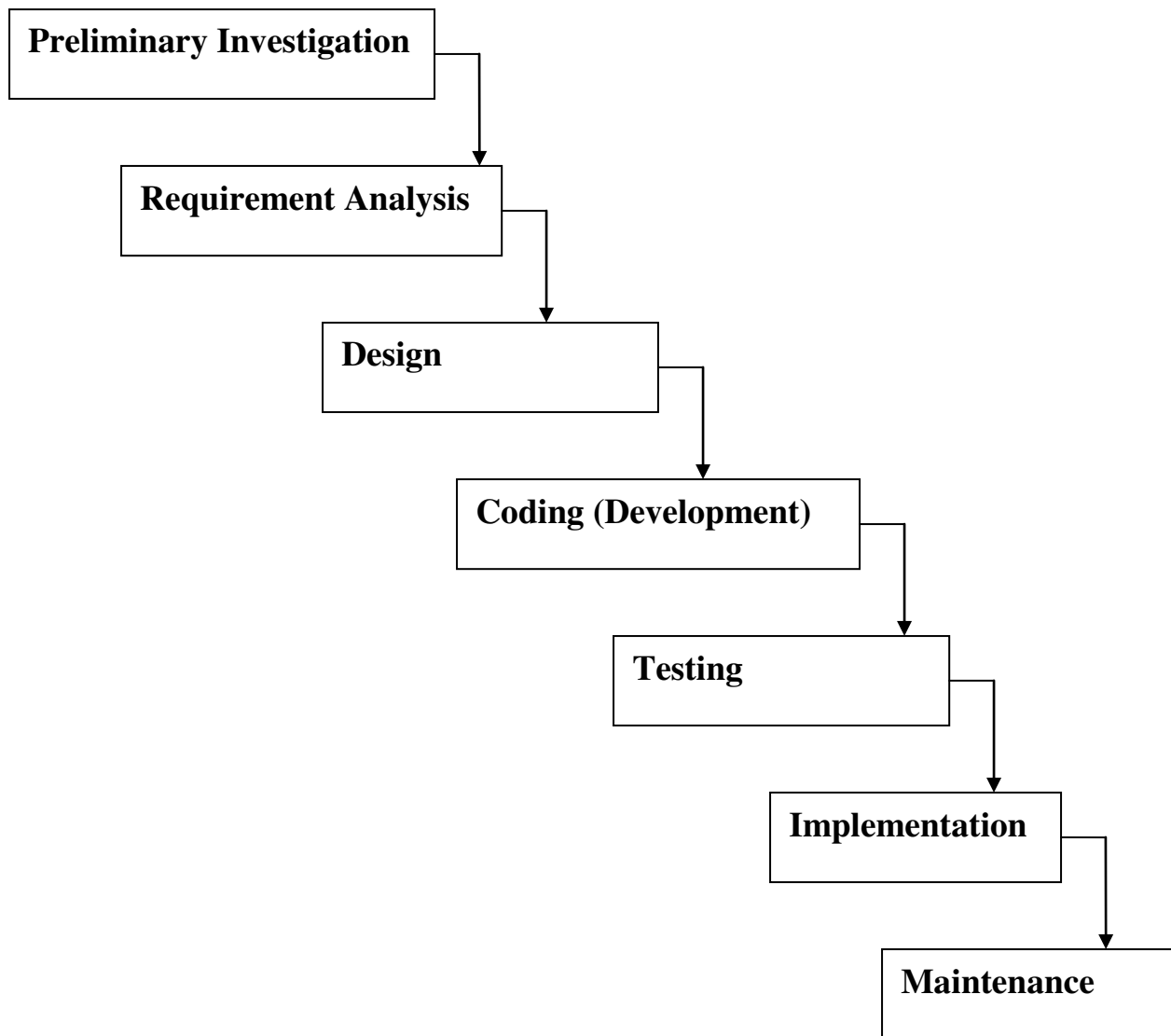
System Development life Cycle

SDLC Steps :-

- I. Preliminary Investigation
- II. Requirement Analysis
- III. Design:- flow chart
- IV. Coding
- VI. Implementation

SDLC Model

Linear Water Fall Model



Tools Used In Stock Management

HARDWARE USED

Processor- P4

RAM- 128 MB

HDD- 40 GB

Key Board- Multimedia

Mouse- Scroll

Monitor- 15”

SOFTWARE USED

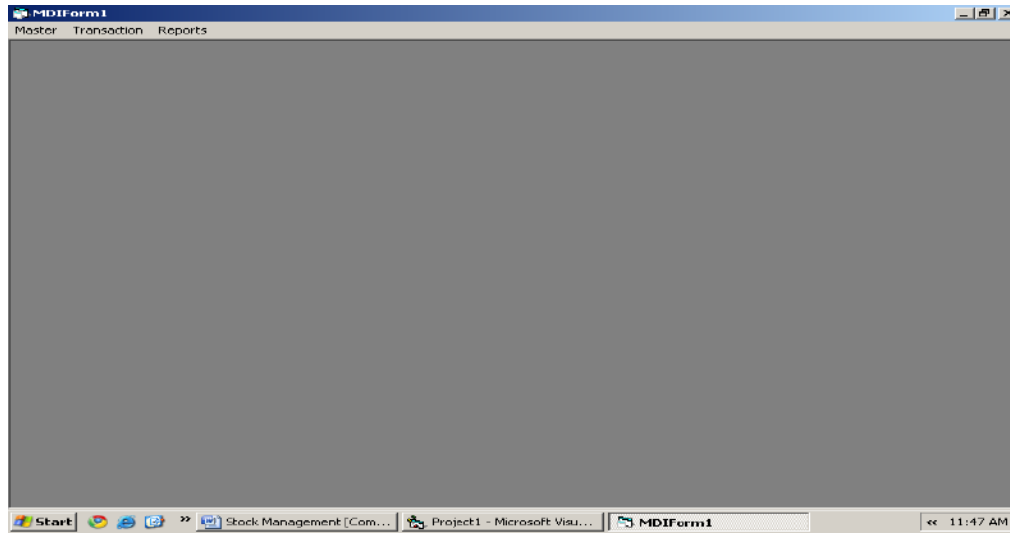
Operating System- Windows XP

Front-end Package- Visual Basic 6.0

Backend- MS Access (Office XP 2003)

Documentation in- MS Word (Office XP 2003)

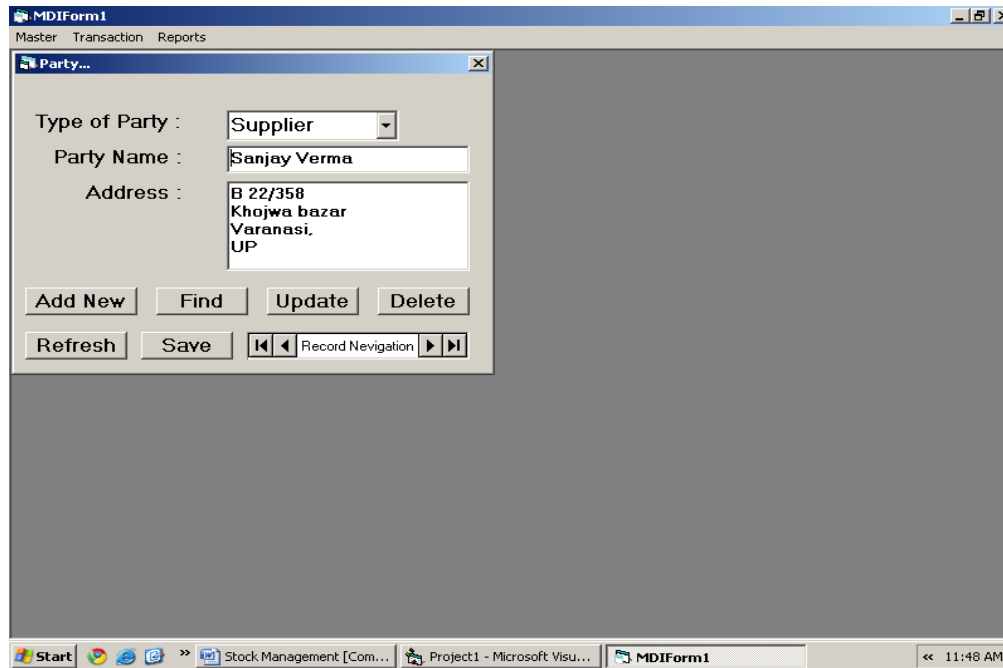
MDI FORM:-



Coding for MDI Form:-

```
Private Sub item_Click()  
Load Form3  
End Sub  
Private Sub prty_Click()  
Load Form1  
End Sub  
Private Sub pur_Click()  
Load Form4  
End Sub  
Private Sub purrep_Click()  
DataReport1.Show  
End Sub  
Private Sub sale_Click()  
Load Form5  
End Sub  
Private Sub slprty_Click()  
Load Form2  
End Sub  
Private Sub selrep_Click()  
DataReport2.Show  
End Sub  
Private Sub stock_Click()  
DataReport3.Show  
End Sub
```

CREATE NEW PARTY FORM:-



Coding for Party Form:-

```
Private Sub Command1_Click()
Command1.Enabled = False
Command2.Enabled = False
Command4.Enabled = False
Adodc1.Recordset.AddNew
Text1.SetFocus
End Sub
Private Sub Command2_Click()
Dim str As String
str = "partyNm=" & Text1.Text & ""
Adodc1.Refresh
Adodc1.Recordset.Find str
End Sub
Private Sub Command3_Click()
On Error GoTo updateerror
Adodc1.Recordset.Update
MsgBox "Updated successfully."
Exit Sub
updateerror:
MsgBox Err.Description
End Sub
Private Sub Command4_Click()
On Error GoTo delerror
```

```

Dim strmsg As String
strmsg = "ARE YOU SURE YOU WANT TO DELETE" _
& IIf(Text1.Text <> "", Text1.Text, _
" this record") & "?"
If MsgBox(strmsg, vbQuestion + vbYesNo + vbDefaultButton2) = vbYes Then
With Adodc1.Recordset
.Delete
.MoveNext
If .EOF Then .MoveLast
End With
End If
Exit Sub
delerror:
MsgBox Err.Description
Exit Sub
End Sub
Private Sub Command5_Click()
Adodc1.Refresh
End Sub
Private Sub Command6_Click()
Adodc1.Recordset.Save
Command1.Enabled = True
Command2.Enabled = True
Command4.Enabled = True
End Sub

```

CREATE NEW ITEM FORM:-

The screenshot displays a Microsoft Access application window titled "MDIForm1" with a menu bar containing "Master", "Transaction", and "Reports". A sub-window titled "Items..." is open, featuring a data entry form with the following fields and values:

- Item Name : Dove
- Rate : 35
- Opening Stock : 9
- Opening Amount : 315

Below the input fields, there are several control buttons: "Add New", "Find", "Update", "Delete", "Refresh", "Save", and "Record Navigation" (which includes left and right arrow icons).

The Windows taskbar at the bottom shows the Start button, several application icons, and the following open windows: "Stock Management [Com...", "Project1 - Microsoft Visu...", and "MDIForm1". The system clock indicates the time is 11:54 AM.

Coding for item Form:-

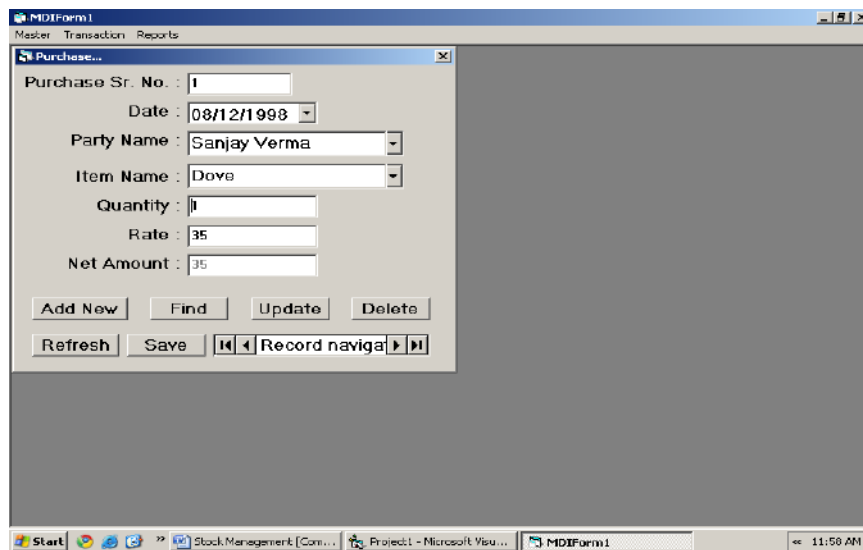
```
Private Sub Command1_Click()
Command1.Enabled = False
Command2.Enabled = False
Command4.Enabled = False
Adodc1.Recordset.AddNew
Text1.SetFocus
End Sub
Private Sub Command2_Click()
Dim str As String
str = "itemNm=" & Text1.Text & ""
Adodc1.Refresh
Adodc1.Recordset.Find str
End Sub
Private Sub Command3_Click()
On Error GoTo updateerror
Adodc1.Recordset.Update
MsgBox "Updated successfully."
Exit Sub
updateerror:
MsgBox Err.Description
End Sub
Private Sub Command4_Click()
On Error GoTo delerror
Dim strmsg As String
strmsg = "ARE YOU SURE YOU WANT TO DELETE" _
& IIf(Text1.Text <> "", Text1.Text, _
" this record") & "?"
If MsgBox(strmsg, vbQuestion + vbYesNo + vbDefaultButton2) = vbYes Then
With Adodc1.Recordset
.Delete
.MoveNext
If .EOF Then .MoveLast
End With
End If
Exit Sub
delerror:
MsgBox Err.Description
Exit Sub
End Sub
Private Sub Command5_Click()
Adodc1.Refresh
End Sub
```

```

Private Sub Command6_Click()
Adodc1.Recordset.Save
Command1.Enabled = True
Command2.Enabled = True
Command4.Enabled = True
End Sub
Private Sub Text3_Change()
If Command4.Enabled = False Then
    Text4.Text = Val(Text2.Text) * Val(Text3.Text)
End If
End Sub

```

PURCHASE ITEM FORM:-



Coding for Purchase Item form:-

```

Public db As ADODB.Connection
Public rs As ADODB.Recordset
Private Sub Command1_Click()
On Error GoTo purerr
Dim rno As String
Adodc3.Recordset.MoveLast
rno = Adodc3.Recordset.Fields(0)
Adodc3.Recordset.AddNew
Text3.Text = CInt(rno) + 1
Command1.Enabled = False
Command2.Enabled = False
Command4.Enabled = False
Text3.SetFocus
Exit Sub

```



```

pureerr:
MsgBox Err.Description
End Sub
Private Sub Command2_Click()
Dim str As String
str = "SrNo=" & Text3.Text & ""
Adodc3.Refresh
Adodc3.Recordset.Find str
End Sub
Private Sub Command3_Click()
On Error GoTo updateerror
Adodc3.Recordset.Update
MsgBox "Updated successfully."
Exit Sub
updateerror:
MsgBox Err.Description
End Sub
Private Sub Command4_Click()
On Error GoTo delerror
Dim strmsg As String
strmsg = "ARE YOU SURE YOU WANT TO DELETE PURCHASE NO.-:" & _
& IIf(Text3.Text <> "", Text3.Text, _
" this record") & "?"
If MsgBox(strmsg, vbQuestion + vbYesNo + vbDefaultButton2) = vbYes Then
With Adodc3.Recordset
.Delete
.MoveNext
If .EOF Then .MoveLast
End With
End If
Exit Sub
delerror:
MsgBox Err.Description
Exit Sub
End Sub
Private Sub Command5_Click()
Adodc3.Refresh
End Sub
Private Sub Command6_Click()
Set db = New ADODB.Connection
Set rs = New ADODB.Recordset
db.ConnectionString = "Provider=Microsoft.Jet.OLEDB.4.0;" & "Data Source=" & App.Path
& "\sale_pur.mdb;"
db.Open

```

```

rs.Open "update item set stock=stock+" & CInt(Text2.Text) & ",bal=bal+" & Val(Text5.Text)
& " where itemNm='" & DataCombo2.Text & "'", db
Adodc3.Recordset.Save
Command1.Enabled = True
Command2.Enabled = True
Command4.Enabled = True
End Sub
Private Sub DataCombo1_Click(Area As Integer)
Text6.Text = DataCombo1.Text
End Sub
Private Sub DataCombo2_Click(Area As Integer)
Set db = New ADODB.Connection
Set rs = New ADODB.Recordset
db.ConnectionString = "Provider=Microsoft.Jet.OLEDB.4.0;" & "Data Source=" & App.Path
& "\sale_pur.mdb;"
db.Open
rs.Open "select rate from item where itemNm='" & DataCombo2.Text & "'", db
Text7.Text = DataCombo2.Text
If Not rs.EOF Then
Text4.Text = rs.Fields(0)
End If
End Sub
Private Sub Text2_Change()
Text5.Text = Val(Text2.Text) * Val(Text4.Text)
End Sub

```

SALE FORM:-

The screenshot displays a Windows application window titled "MDIForm1" with a menu bar containing "Master", "Transaction", and "Reports". A "Sale..." dialog box is open, featuring the following fields and controls:

- Sale Sr. No. : 5
- Date : 03/05/2011
- Party Name : Aman Verma
- Item Name : Lifeboy
- Quantity : 2
- Rate : 15
- Net Amount : 30

Below the input fields, there are several buttons: "Add New", "Find", "Update", "Delete", "Refresh", and "Save". At the bottom of the dialog, there are record navigation controls: a "Record navigation" label with left and right arrow buttons.

The Windows taskbar at the bottom shows the Start button, several application icons, and the taskbar itself with the following open applications: "Stock Management [Com...", "Project1 - Microsoft Visu...", and "MDIForm1". The system clock shows the time as 12:07 PM.

Coding for Sale Form:-

```
Public db As ADODB.Connection
Public rs As ADODB.Recordset
Private Sub Combo2_Click()
Set db = New ADODB.Connection
Set rs = New ADODB.Recordset
db.ConnectionString = "Provider=Microsoft.Jet.OLEDB.4.0;" & "Data Source=" & App.Path
& "\sale_pur.mdb;"
db.Open
rs.Open "select rate from item where itemNm=" & Combo2.Text & "", db
Text7.Text = Combo2.Text
Text4.Text = rs.Fields(0)
End Sub
Private Sub Command1_Click()
Dim rno As String
If Not Adodc3.Recordset.EOF Then
Adodc3.Recordset.MoveLast
rno = Adodc3.Recordset.Fields(0)
Adodc3.Recordset.AddNew
Text3.Text = CInt(rno) + 1
Command1.Enabled = False
Command2.Enabled = False
Command4.Enabled = False
Else
Text3.Text = "1"
End If
Text3.SetFocus
End Sub
Private Sub Command2_Click()
Dim str As String
str = "SrNo=" & Text3.Text & ""
Adodc3.Refresh
Adodc3.Recordset.Find str
End Sub
Private Sub Command3_Click()
On Error GoTo updateerror
Adodc3.Recordset.Update
MsgBox "Updated successfully."
Exit Sub
updateerror:
MsgBox Err.Description
End Sub
Private Sub Command4_Click()
```

```

On Error GoTo delerror
Dim strmsg As String
strmsg = "ARE YOU SURE YOU WANT TO DELETE RECEIPT NO.-:" _
& IIf(Text3.Text <> "", Text3.Text, _
" this record") & "?"
If MsgBox(strmsg, vbQuestion + vbYesNo + vbDefaultButton2) = vbYes Then
With Adodc3.Recordset
.Delete
.MoveNext
If .EOF Then .MoveLast
End With
End If
Exit Sub
delerror:
MsgBox Err.Description
Exit Sub
End Sub
Private Sub Command5_Click()
Adodc3.Refresh
End Sub
Private Sub Command6_Click()
Set db = New ADODB.Connection
Set rs = New ADODB.Recordset
db.ConnectionString = "Provider=Microsoft.Jet.OLEDB.4.0;" & "Data Source=" & App.Path
& "\sale_pur.mdb;"
db.Open
rs.Open "update item set stock=stock-" & CInt(Text2.Text) & ",bal=bal-" & Val(Text5.Text)
& " where itemNm='" & DataCombo2.Text & "'", db
Adodc3.Recordset.Save
Command1.Enabled = True
Command2.Enabled = True
Command4.Enabled = True
End Sub
Private Sub DataCombo1_Click(Area As Integer)
Text6.Text = DataCombo1.Text
End Sub
Private Sub DataCombo2_Click(Area As Integer)
Set db = New ADODB.Connection
Set rs = New ADODB.Recordset
db.ConnectionString = "Provider=Microsoft.Jet.OLEDB.4.0;" & "Data Source=" & App.Path
& "\sale_pur.mdb;"
db.Open
rs.Open "select rate from item where itemNm='" & DataCombo2.Text & "'", db
Text7.Text = DataCombo2.Text
If Not rs.EOF Then

```

```

Text4.Text = rs.Fields(0)
End If
End Sub
Private Sub Text2_Change()
Text5.Text = Val(Text2.Text) * Val(Text4.Text)
End Sub

```

PURCHASE REPORT:-

The screenshot shows a window titled "MDIForm1 - [DataReport1]" with a menu bar (Master, Transaction, Reports) and a zoom setting of 100%. The report content is as follows:

Purchase Report				
Pur Sr.	Item Name	Quantity	Rate	Amount
1	Dove	1	35	35
2	Lifeboy	5	15	75
3	Dove	2	35	70
4	Dove	5	35	175
6	Dove	1	35	35
7	Dove	2	35	70
8	Dove	2	35	70
9	Lifeboy	2	15	30
10	Dove	2	35	70
Total Amount :				630

SALE REPORT:-

The screenshot shows a window titled "MDIForm1 - [DataReport2]" with a menu bar (Master, Transaction, Reports) and a zoom setting of 100%. The report content is as follows:

Sale Report				
Pur Sr.	Item Name	Quantity	Rate	Amount
4	dsfsd	2	40	80
5	Lifeboy	2	15	30
6	Dove	1	35	35
7	Dove	2	35	70
Total Amount :				215

STOCK REPORT:-

Item Name	Quantity
Dove	9
Lifeboy	22
Total Stock :	31

Connection Control : ADODC
Database Name : Sale_Pur
Table : Item

itemNm	rate	bal	stock
Dove	35	315	9
Lifeboy	15	330	22
*	0	0	0

Table : Party

partyNm	addr	type
Aman Verma	Singrauli	Client
Ashok Kumar	Orderly Bazar,	Supplier
Sanjay Verma	B 22/358	Supplier
*		

Table : Purchase

purchase : Table								
	SrNo	dt	partyNm	itmNm	qty	rate	amount	
▶	1	12/8/1998	Sanjay Verma	Dove	1	35	35	
	2	12/12/2011	Ashok Kumar	Lifeboy	5	15	75	
	3	10/15/2010	Sanjay Verma	Dove	2	35	70	
	4	5/15/2010	Ashok Kumar	Dove	5	35	175	
	6		Sanjay Verma	Dove	1	35	35	
	7		Sanjay Verma	Dove	2	35	70	
	8		Sanjay Verma	Dove	2	35	70	
	9		Ashok Kumar	Lifeboy	2	15	30	
	10		Sanjay Verma	Dove	2	35	70	
*	(AutoNumber)				0	0	0	

Table : Sale

sale : Table							
	SrNo	dt	partyNm	itmNm	qty	rate	amount
▶	4	3/5/2011	sadfsdf	dsfsd	2	40	80
	5		Aman Verma	Lifeboy	2	15	30
	6		Aman Verma	Dove	1	35	35
	7	5/10/2011	Aman Verma	Dove	2	35	70
*	(AutoNumber)				0	0	0

Quarry Name : Itemnm

itmnm : Select Query	
	itemNm
▶	Dove
	Lifeboy
*	

Quarry Name : Saleprty

saleprty : Select Query	
	partyNm
▶	Aman Verma
*	

Quarry Name : Purprty

purprty : Select Query	
	partyNm
▶	Sanjay Verma
	Ashok Kumar
*	

Documentation

The documentation of this project (Stock Management) has been done in Microsoft Word (MS Office XP 2003). Every care has been taken in producing all the work done by me.

The project report covers all the points which came to be effective in the project. This documentation contains objective, analysis, code and output.

Bibliography

- 1. Visual basic 6.0 Complete Reference**
- 2. Visual basic 6.0 Black Book**
- 3. M S Office by Microsoft Corporation**
- 4. M S Access by BPB Publication**

I am thankful to all the teachers and all the staff members of DAV PG College Computer Center. This project would not be completed without the help and support of my friends, so a special word of thank is also to them.

Any feedback regarding Coding, Designing and Maintaining this software will highly be appreciated.

“THANKING YOU”