**MESSASE PASSING SYSTEM**

**Language used: VB.net**

**Code for form 1:**

**(For database connection and login)**

Imports System.Data.OleDb

Public Class Form1

Dim con As OleDbConnection = New OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data Source=Z:\3rd sem\project\messagepassing.accdb")

Dim cmd As OleDbCommand = New OleDbCommand

Dim reader As OleDbDataReader

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

openconnection()

cmd.CommandText = "select \* from login where username='" + TextBox1.Text + "' and password='" + TextBox2.Text + "'"

cmd.Connection = con

reader = cmd.ExecuteReader

If reader.HasRows Then

Dim f2 As Form2 = New Form2

f2.Show()

Else

MsgBox("Error")

End If

End Sub

Private Sub Form1\_Leave(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.Leave

con.Close()

End Sub

Private Sub Form1\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

End Sub

Public Sub openconnection()

Try

con.Open()

MsgBox("successful")

Catch ex As Exception

MsgBox(ex.ToString())

End Try

End Sub

End Class

**Code for form 2:**

**(To insert data in database in student details)**

Imports System.Data.OleDb

Public Class Form2

Dim con As OleDbConnection

Dim cmd As OleDbCommand = New OleDbCommand

Dim da As OleDbDataAdapter

' Dim reader As OleDbDataReader

' Dim count As Integer

'Dim query As String

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

con.Open()

cmd.Connection = con

cmd.CommandText = "insert into student(rno,sname,sdept,Semester,course,Batch,Contactno)values('" & TextBox1.Text & "','" & TextBox2.Text & "','" & TextBox3.Text & "','" & TextBox4.Text & "','" & TextBox5.Text & "','" & TextBox6.Text & "','" & TextBox7.Text & "')"

cmd.ExecuteNonQuery()

con.Close()

MsgBox("Record successfully saved", MsgBoxStyle.DefaultButton1)

End Sub

Private Sub Form2\_Leave(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.Leave

con.Close()

End Sub

Private Sub Form2\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

con = New OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data Source=Z:\3rd sem\project\HOSTELCOMPLAIN.accdb")

End Sub

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

Dim F3 As Form3 = New Form3

F3.Show()

End Sub

End Class

**Code for form 3:**

**(To insert data in database in faculty details)**

Imports System.Data.OleDb

Public Class Form3

Dim mycn As OleDbConnection = New OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data Source=Z:\3rd sem\project\messagepassing.accdb")

Dim cmd As OleDbCommand = New OleDbCommand

Dim adp As OleDbDataAdapter = New OleDbDataAdapter

Dim cb As OleDbbuilder = New OleDbbuilder(adp)

Dim ds As New DataSet

'declare a new datarow

Dim dr As New DataRow

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

mycn.Open()

cmd.Connection = mycn

cmd.CommandText = "select \* from faculty"

cmd.CommandType = CommandType.Text

adp.SelectCommand = cmd

adp.Fill(ds, "faculty")

dr = DataSet.Tables("faculty").newrow

dr(0) = TextBox1.Text

dr(1) = TextBox2.Text

dr(3) = TextBox3.Text

dr(4) = TextBox4.Text

DataSet.Tables("faculty").rows().add(dr)

adp.Fill(ds)

adp.Update(ds, "faculty")

mycn.Close()

End Sub

Private Sub Form3\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

End Sub

End Class