

EX.NO:03

DATE:

RECRUITMENT SYSTEM

1. PROBLEM STATEMENT

To create a software system this can test the skills of the candidate by generating random question and answer and implementing using Visual basic 6.0 and MS Access.

2. OVERALL DESCRIPTION

The three modules are

1. Login

User can login using the username and password and they can start attend the test for the specified vacancy

2. Recruitment test

This system will generate random question to test the skills of the Candidate and check whether the candidate is suitable for the position offered by the company.

3. Result

This will show whether the candidate is selected or not selected for the position by displaying the message.

2.1 SOFTWARE REQUIEIMENTS

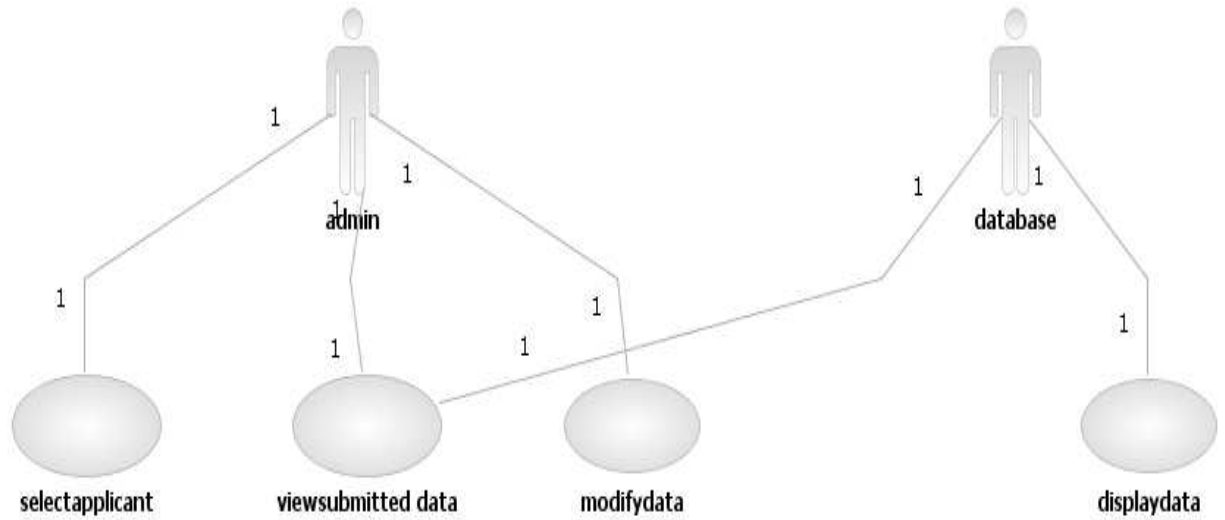
4. Microsoft Visual Basic 6.0
5. Rational Rose
6. Microsoft Access.

2.2 HARDWARE REQRIMENTS

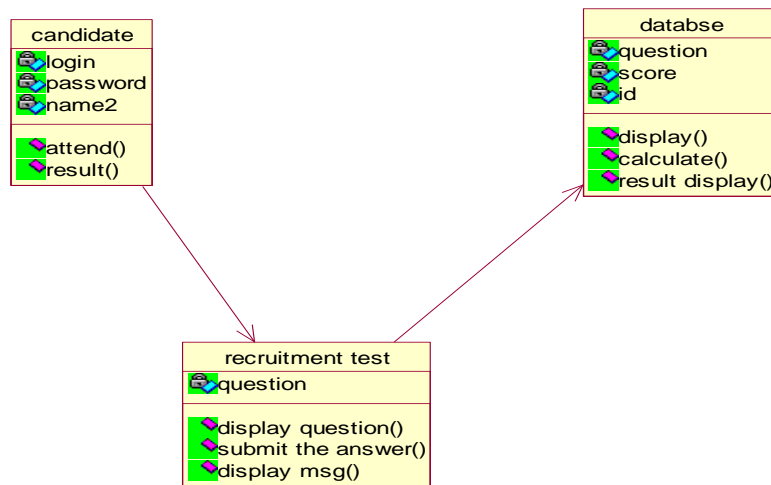
3. 128MB RAM
4. Pentium III Processor

DESIGN

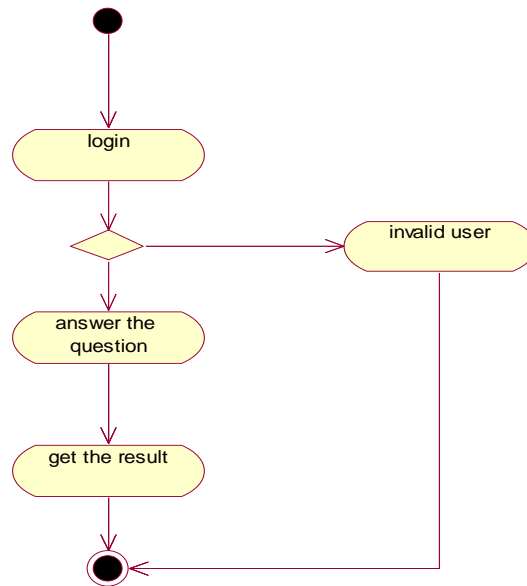
USE CASE DIAGRAM



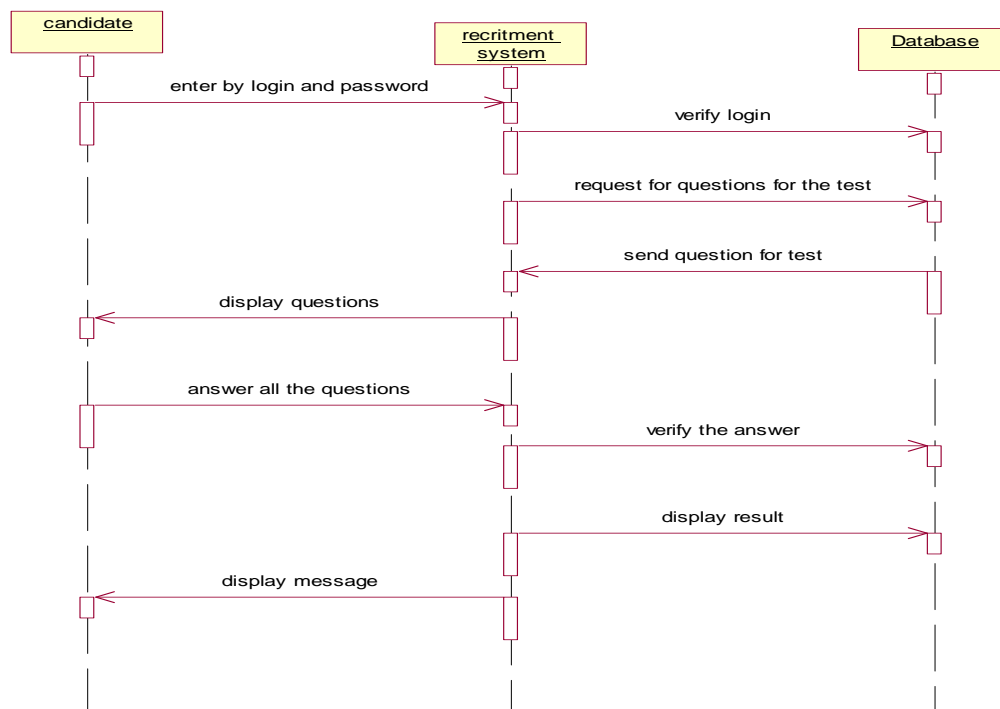
4.3 CLASS DIAGRAM



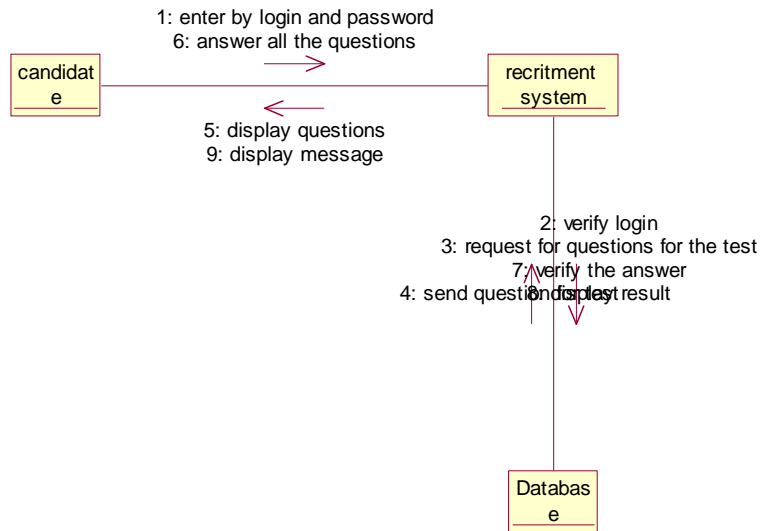
4.2 ACTIVITY DIAGRAM



4.4 SEQUENCE DIAGRAM



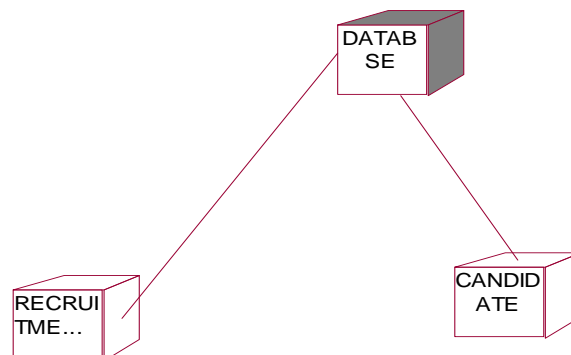
4.5 COLLABRATION DIAGRAM



4.6 COMPONENT DAIGRAM



4.7 DEPLOYMENT DIAGRAM



CODING:

Form 1:

```
Private Sub Command1_Click()  
If Text1.Text = "admin" And Text2.Text = "cse" Then  
Form1.Hide  
Form2.Show  
Else  
Form1.Hide  
Form5.Show  
End If  
End Sub
```

```
Private Sub Command2_Click()  
End  
End Sub
```

Form 2:

```
Dim rs As New ADODB.Recordset  
Dim con As New ADODB.Connection  
Private Sub Command1_Click()  
Dim rs As New ADODB.Recordset  
Dim con As New ADODB.Connection  
con.Open "Provider=MSDAORA.1;Password=tiger;User ID=scott;Persist Security Info=True"  
rs.Open "select * from resume", con, adOpenKeyset, adLockPessimistic  
If rs.BOF = False Then  
rs.MovePrevious  
If rs.BOF = False Then  
Text1.Text = rs(0)  
Text2.Text = rs(1)  
Text3.Text = rs(2)  
Text4.Text = rs(3)  
Text5.Text = rs(4)  
Text6.Text = rs(5)  
Text7.Text = rs(6)  
Else  
MsgBox "back of file"  
End If  
End If  
End Sub
```

Form 3:

```
Private Sub Command2_Click()  
Dim rs As New ADODB.Recordset  
Dim con As New ADODB.Connection  
con.Open "Provider=MSDAORA.1;Password=tiger;User ID=scott;Persist Security Info=True"
```

```

rs.Open "select * from resume", con, adOpenKeyset, adLockPessimistic
If rs.EOF = False Then
rs.MoveNext
If rs.EOF = False Then
Text1.Text = rs(0)
Text2.Text = rs(1)
Text3.Text = rs(2)
Text4.Text = rs(3)
Text5.Text = rs(4)
Text6.Text = rs(5)
Text7.Text = rs(6)
Else
MsgBox "end of file"
End If
End If
End Sub

```

```

Private Sub Command3_Click()
Form2.Show
End Sub

```

```

Private Sub Command4_Click()
DataReport1.Show
End Sub

```

```

Private Sub Form_Load()
Dim rs1 As New ADODB.Recordset
Dim con1 As New ADODB.Connection
con1.Open "Provider=MSDAORA.1;Password=tiger;User ID=scott;Persist Security Info=True"
rs1.Open "select * from resume", con1, adOpenKeyset, adLockPessimistic
Text1.Text = rs1(0)
Text2.Text = rs1(1)
Text3.Text = rs1(2)
Text4.Text = rs1(3)
Text5.Text = rs1(4)
Text6.Text = rs1(5)
Text7.Text = rs1(6)
End Sub

```

Form 4:

```

Private Sub Command1_Click()
Dim rs As New ADODB.Recordset
Dim con As New ADODB.Connection
con.Open "Provider=MSDAORA.1;Password=tiger;User ID=scott;Persist Security Info=True"
rs.Open "insert into appoint values('" & Text1.Text & "','" & Text2.Text & "','" & Text3.Text &
',' & Text4.Text & "','" & Text5.Text & "')", con, adOpenKeyset, adLockOptimistic

```

```
MsgBox "appointed"  
End Sub
```

```
Private Sub Command2_Click()  
MsgBox "send call letter to applicant"  
End Sub
```

```
Private Sub Command3_Click()  
Form1.Show  
End Sub
```

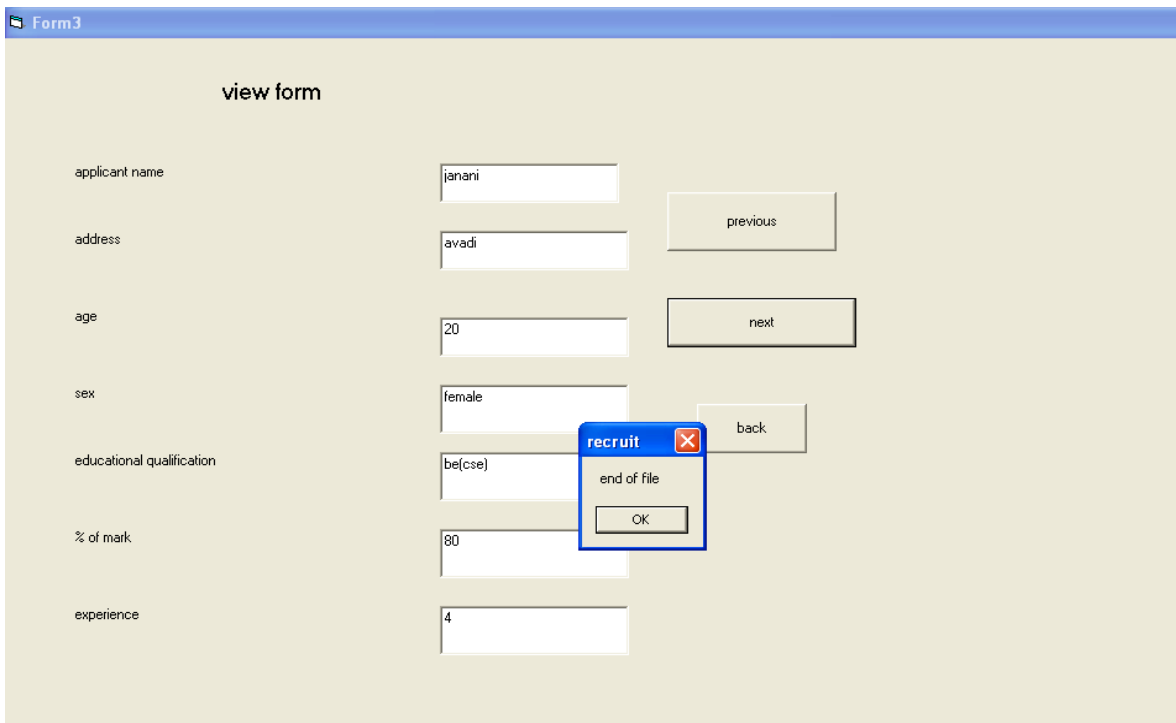

SCREEN SHOTS:

Admin form:



The screenshot shows a window titled "Form2" with a light beige background. At the top center, there is a button labeled "admin form". Below it, there are three more buttons: "view the submitted resume", "select the applicant", and "logout", arranged vertically.

View Form:



The screenshot shows a window titled "Form3" with a light beige background. The title "view form" is centered at the top. Below it, there is a form with several fields and buttons:

applicant name	janani	previous
address	avadi	
age	20	next
sex	female	back
educational qualification	be(cse)	
% of mark	80	
experience	4	

An error dialog box is overlaid on the form, titled "recruit" with a red 'X' icon. The message inside the dialog is "end of file" and there is an "OK" button at the bottom.

SELECT FORM:

SELECT FORM

APPLICANT NAME: Hari

DEPT: cse

COMPANY: IBM

SALARY: 150000

POST OF APPLICANT: Senior manager

recruit dialog: send call letter to applicant, OK

Buttons: APPOINT, SEND, BACK

REPORT:

DataReport1

Zoom: 100%

NAME:	ADDRES:	AGE:	SEX:	EDU:	MARK:	EXP:
janani	avadi	20	female	be(cse)	80	4
papi	avadi	17	female	be(t)	80	1