

EX.NO:07

DATE:

PASSPORT AUTOMATION SYSTEM

1. PROBLEM STATEMENT

To create an PASSPORT AUTOMATION software that will meet the needs of the applicant and help them to register and buy the passport. Modification in database and cancellation for the registered project can be done in the software.

2. OVERALL DESCRIPTION

The Passport automation System is an integrated system that has four modules as part of it. the four modules are

Personal details

In this module, the user to register for the passport , Modification in the Passport database, canceling the passport.

Office details

In this module the office details contains the office details such as regional office,zone , name and the passport id,etc.,.

Issue Details

In this module the officer can verify the applicant details such as verification date verification id etc.,.

Admin form

In this module the administrator can cancel the applicant name which is registered for the system.

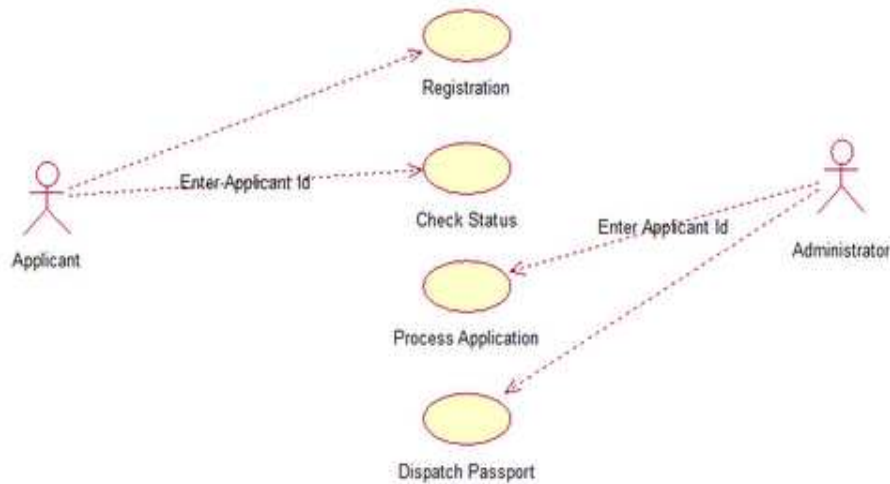
SOFTWARE REQUIRMENTS

7. Microsoft Visual Basic 6.0
8. Rational Rose
9. Microsoft Access

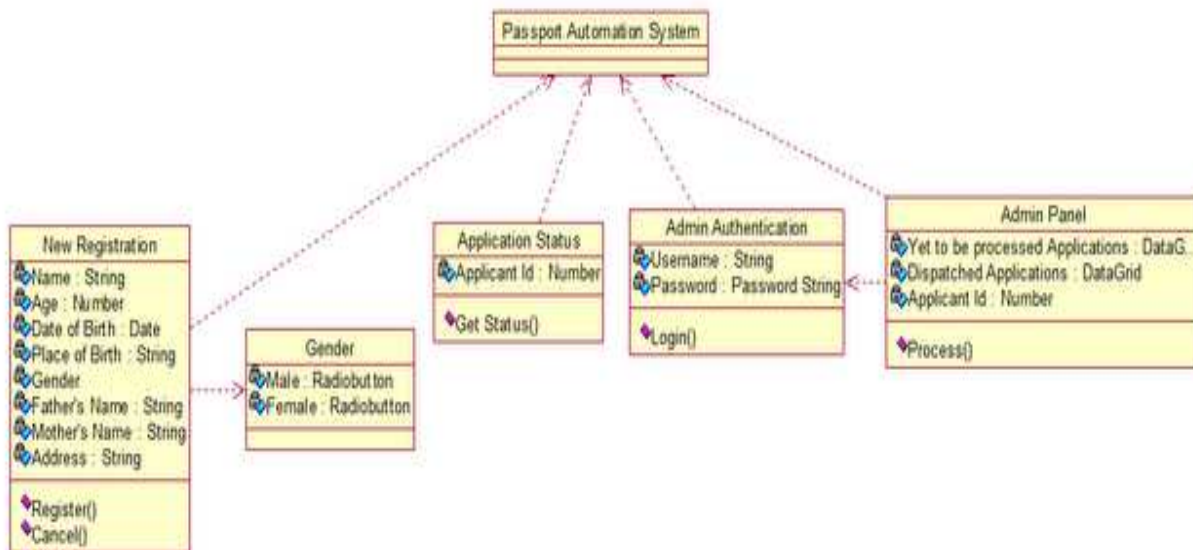
HARDWARE REQUIRMENTS

1. 128MB RAM
2. Pentium III Processor

Usecase diagram:



Class diagram:

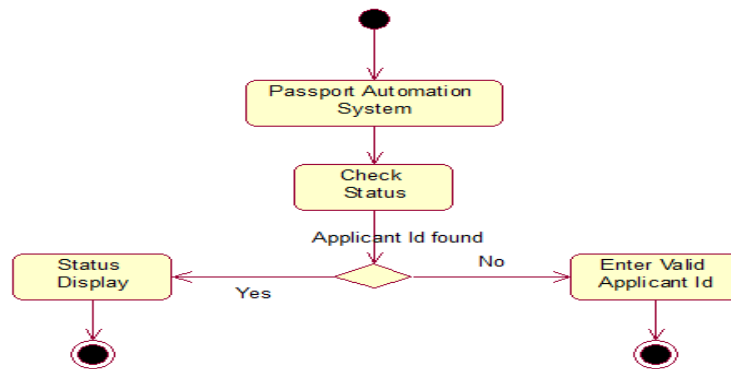


Activity diagram:

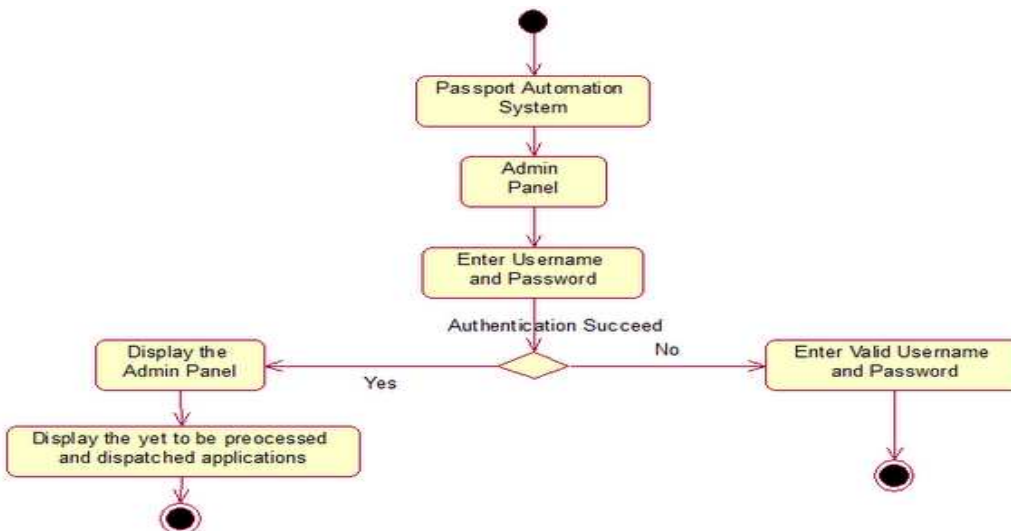
New Registration



Check Status



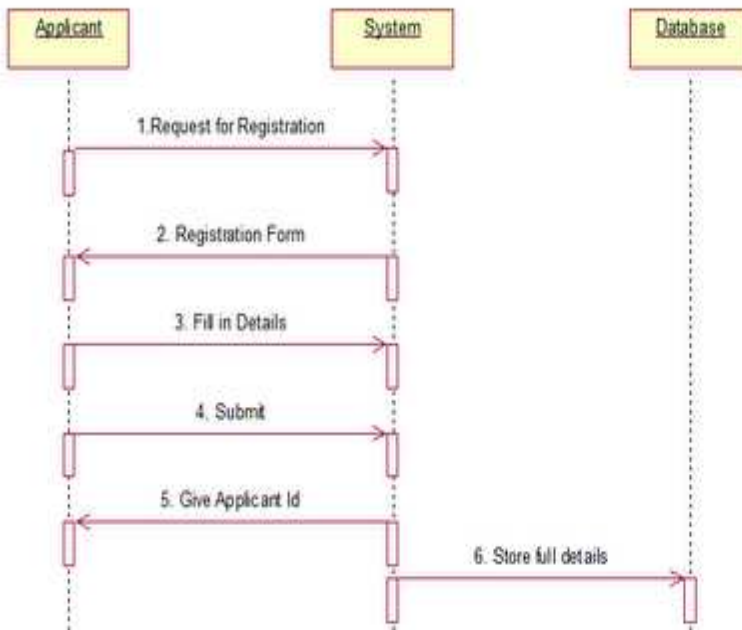
Admin Panel



Sequence diagram:

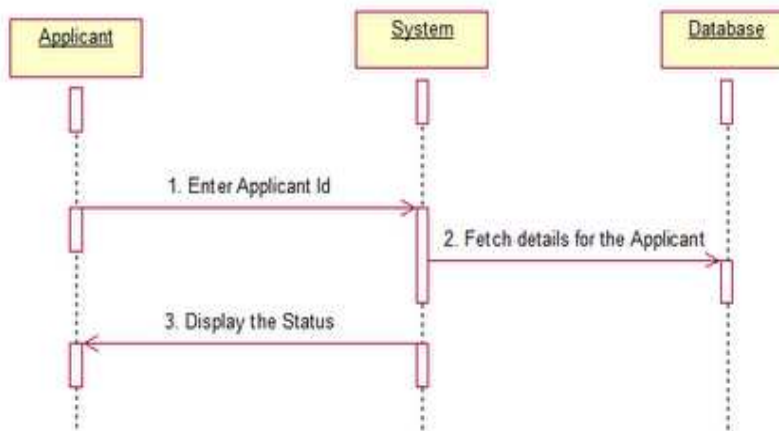
New Registration

Sequence diagram for New Registration

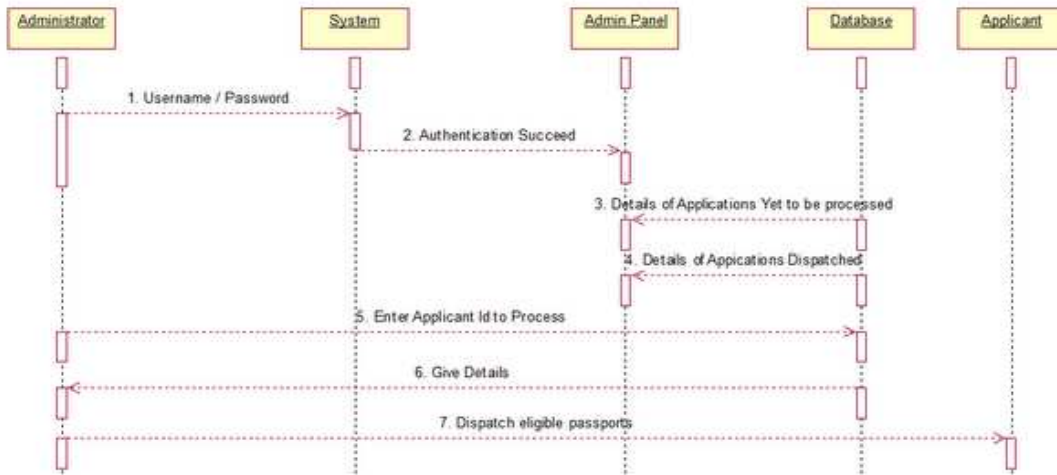


Check Status

Sequence Diagram for Checking Status

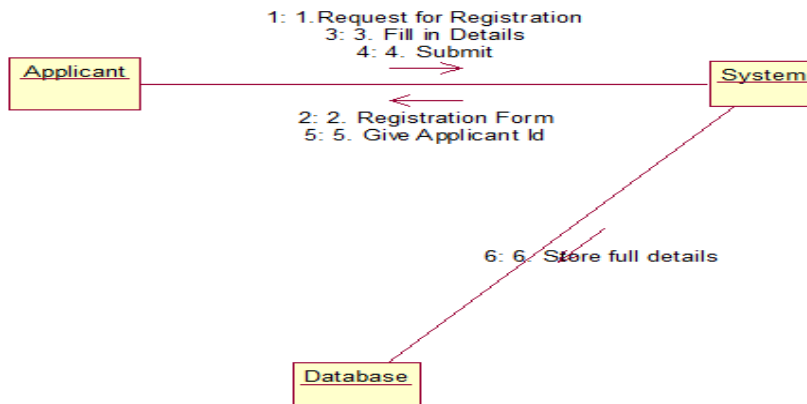


Admin Panel

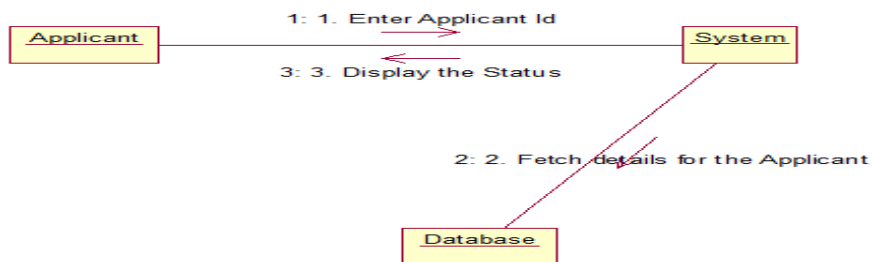


Collaboration Diagrams

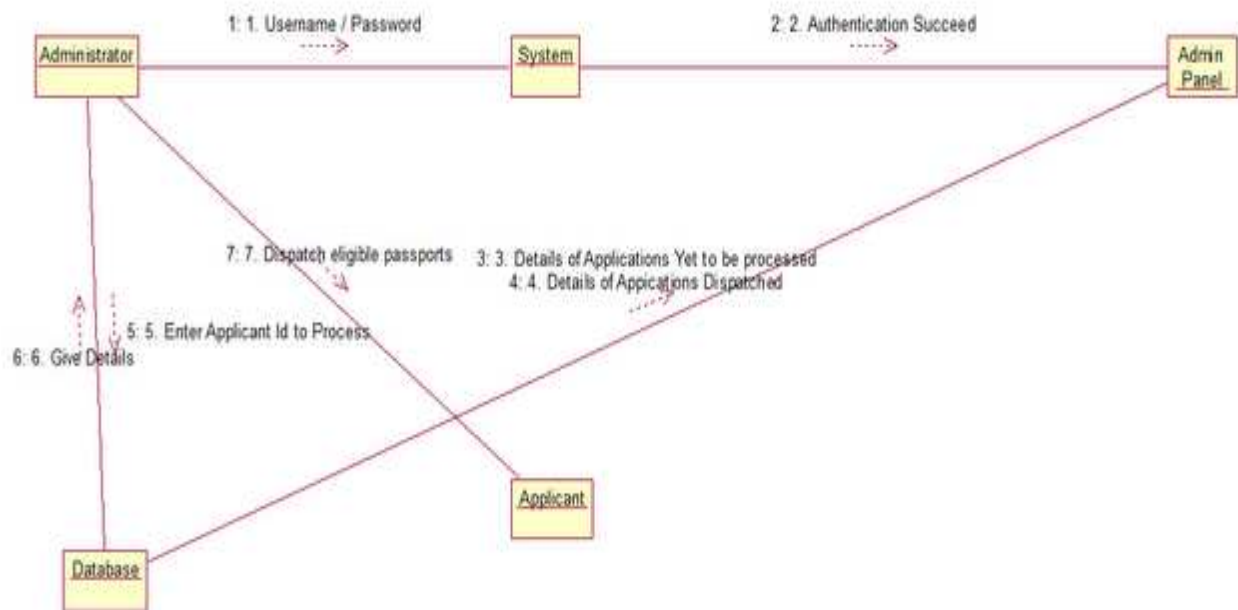
New Registration



Check Status



Admin Panel



CODING:

FORM1:

```
Dim cn As New ADODB.Connection
```

```
Dim rs As New ADODB.Recordset
```

```
Private Sub Command1_Click()
```

```
rs.AddNew
```

```
rs(0) = Text1.Text
```

```
rs(1) = Text2.Text
```

```
rs(2) = Text3.Text
```

```
rs(3) = Text4.Text
```

```
rs(4) = Text5.Text
```

```
rs(5) = Text6.Text
```

```
rs(6) = Text7.Text
```

```
Text1.Text = ""
```

```
Text2.Text = ""
```

```
Text3.Text = ""
```

```
Text4.Text = ""
```

```
Text5.Text = ""
```

```
Text6.Text = ""
```

```
Text7.Text = ""
```

```
rs.Update
```

```
enable
```

```
MsgBox "added"
```

```
End Sub
```

```
Private Sub Command2_Click()
```

```
rs(0) = Text1.Text
```

```
rs(1) = Text2.Text
```

```
rs(2) = Text3.Text
```

```
rs(3) = Text4.Text
```

```
rs(4) = Text5.Text
```

```
rs(5) = Text6.Text
```

```
rs(6) = Text7.Text
```

```
rs.Update
```

```
disable
```

```
MsgBox "updated"
```

```
End Sub
```

```
Private Sub Command3_Click()
```

```
rs.Delete
```

```
MsgBox "deleted"
```



```
rs.MoveFirst
End Sub
```

```
Private Sub Command4_Click()
Unload Me
Form1.Show
End Sub
```

```
Private Sub Command5_Click()
rs.MoveFirst
display
End Sub
```

```
Private Sub Command6_Click()
rs.MovePrevious
If (rs.EOF = True) Then
rs.MoveLast
End If
display
End Sub
```

```
Private Sub Command7_Click()
rs.MoveNext
If (rs.BOF = True) Then
rs.MoveFirst
End If
display
End Sub
```

```
Private Sub Command8_Click()
rs.MoveLast
display
End Sub
```

```
Private Sub Command9_Click()
DataReport1.Show
End Sub
```

```
Private Sub Form_Load()
cn.Open "Provider=MSDAORA.1;Password=tiger;User ID=scott;Persist Security Info=True"
rs.Open "select * from personal", cn, adOpenDynamic, adLockOptimistic
clear
```

End Sub

Public Sub display()

clear

disable

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)

End Sub

Private Sub clear()

Text1.Text = ""

Text2.Text = ""

Text3.Text = ""

Text4.Text = ""

Text5.Text = ""

Text6.Text = ""

Text7.Text = ""

End Sub

Private Sub enable()

Text1.Enabled = True

Text2.Enabled = True

Text3.Enabled = True

Text4.Enabled = True

Text5.Enabled = True

Text6.Enabled = True

Text7.Enabled = True

End Sub

Private Sub disable()

Text1.Enabled = False

Text2.Enabled = False

Text3.Enabled = False

Text4.Enabled = False

Text5.Enabled = False

Text6.Enabled = False

Text7.Enabled = False

End Sub

FORM2:

Dim cn As New ADODB.Connection

Dim rs As New ADODB.Recordset

Private Sub Command1_Click()

rs.AddNew

rs(0) = Text1.Text

rs(1) = Text2.Text

rs(2) = Text3.Text

rs(3) = Text4.Text

rs(4) = Text5.Text

rs(5) = Text6.Text

rs(6) = Text7.Text

Text1.Text = ""

Text2.Text = ""

Text3.Text = ""

Text4.Text = ""

Text5.Text = ""

Text6.Text = ""

Text7.Text = ""

rs.Update

enable

MsgBox "Added"

End Sub

Private Sub Command2_Click()

rs(0) = Text1.Text

rs(1) = Text2.Text

rs(2) = Text3.Text

rs(3) = Text4.Text

rs(4) = Text5.Text

rs(5) = Text6.Text

rs(6) = Text7.Text

rs.Update

disable

MsgBox "updated"

End Sub

Private Sub Command3_Click()

rs.Delete

MsgBox "deleted"

rs.MoveFirst

End Sub

Private Sub Command4_Click()

Unload Me

Form1.Show

End Sub

Private Sub Command5_Click()

rs.MoveFirst

display

End Sub

Private Sub Command6_Click()

rs.MovePrevious

If (rs.EOF = True) Then

rs.MoveLast

End If

display

End Sub

Private Sub Command7_Click()

rs.MoveNext

If (rs.EOF = True) Then

rs.MoveFirst

End If

display

End Sub

Private Sub Command8_Click()

rs.MoveLast

display

End Sub

Private Sub Form_Load()

cn.Open "Provider=MSDAORA.1;Password=tiger;User ID=scott;Persist Security Info=True"

rs.Open "select * from office", cn, adOpenDynamic, adLockOptimistic

clear

End Sub

Public Sub display()

clear

```
disable
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)
End Sub
```

```
Private Sub clear()
Text1.Text = ""
Text2.Text = ""
Text3.Text = ""
Text4.Text = ""
Text5.Text = ""
Text6.Text = ""
Text7.Text = ""
End Sub
```

```
Private Sub enable()
Text1.Enabled = True
Text2.Enabled = True
Text3.Enabled = True
Text4.Enabled = True
Text5.Enabled = True
Text6.Enabled = True
Text7.Enabled = True
End Sub
```

```
Private Sub disable()
Text1.Enabled = False
Text2.Enabled = False
Text3.Enabled = False
Text4.Enabled = False
Text5.Enabled = False
Text6.Enabled = False
Text7.Enabled = False
End Sub
```

FORM 3:

```
Dim cn As New ADODB.Connection
Dim rs As New ADODB.Recordset
Dim rs1 As New ADODB.Recordset
Dim rs2 As New ADODB.Recordset
```

```
Private Sub Command1_Click()
If (StrComp(Text1.Text, rs(0), vbTextCompare) = 0) Then
MsgBox "ISSUED"
rs.MoveFirst
End If
End Sub
```

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

```
Private Sub Command3_Click()
Unload Me
Form1.Show
End Sub
Private Sub clear()
Text1.Text = ""
Text2.Text = ""
Text3.Text = ""
Text4.Text = ""
Text5.Text = ""
End Sub
```

```
Private Sub Form_Load()
cn.Open "UID=abdul;PWD=abdul;DRIVER={Microsoft ODBC for Oracle}"
rs.Open "select*from issueform", cn, adOpenDynamic, adLockOptimistic
End Sub
```

```
Private Sub Text1_LostFocus()
If Text1.Text <> "" Then
rs.MoveFirst
While rs.EOF <> True
If (StrComp(Text1.Text, rs(0), vbTextCompare) = 0) Then
Text2.Text = rs(5)
Text3.Text = rs(1)
Text4.Text = rs(4)
```

```
a = DateDiff("D", rs(4), Date)
If Val(a) < 0 Then
Text5 = 0
Else
Text5.Text = a * 2
End If
Exit Sub
End If
rs.MoveNext
Wend
MsgBox "id invalid"
End If
End Sub
```

SCREEN SHOTS:

FORM 1:

The screenshot shows a Windows XP desktop environment with a taskbar at the bottom. The active window is titled "Form2" and contains a form with the following fields and controls:

- PERSONAL DETAILS** (Section Header)
- NAME**: Text input field
- FATHER NAME**: Text input field
- ADDRESS**: Text input field
- AGE**: Text input field
- SEX**: Text input field
- DATE OF BIRTH**: Text input field
- VERIFICATION NO**: Text input field
- ADD**: Button
- UPDATE**: Button
- DELETE**: Button
- EXIT**: Button

A small dialog box titled "Project1" is open in the center, displaying the message "added" and an "OK" button. The background of the form is a dark blue gradient with a pattern of white binary code (0s and 1s).

FORM 2:

The screenshot shows a Windows XP desktop environment with a taskbar at the bottom. The active window is titled "Form3" and contains a form with the following fields and controls:

- OFFICE** (Section Header)
- REGIONAL OFFICE**: Text input field
- ADDRESS PROOF**: Text input field
- DESIGNATION**: Text input field
- ZONE**: Text input field
- YEAR**: Text input field
- NAME**: Text input field
- PASSPORT ID**: Text input field
- ADD**: Button
- UPDATE**: Button
- DELETE**: Button
- EXIT**: Button

A small dialog box titled "Project1" is open in the center, displaying the message "Added" and an "OK" button. The background of the form is a dark blue gradient with a pattern of white binary code (0s and 1s).

FORM 3:

ISSUE FORM

PASSPORT ID: 45

NAME: jaga

DESIGNATION: engg

YEAR: 2011

VERIFICATION DATE: 3/16/2011

VERIFICATION NO: 68

Buttons: ISSUE, CLEAR, EXIT, <<, <, >, >>

Project1 dialog: finished, OK

Taskbar: start, passport, Project1 - Microsoft V..., Form4, Run SQL Command Line, Document1 - Microso..., 8:36 PM

FORM 4:

ADMIN FORM

PASSPORT ID: 45

VERIFICATION NO: 68

NAME: jaga

ISSUE DATE: 3/16/2011

PENALTY: 0

Buttons: ISSUE, CLEAR, EXIT

Project1 dialog: ISSUED, OK

Taskbar: start, passport, Project1 - Microsoft V..., Form5, Run SQL Command Line, Document1 - Microso..., 8:36 PM