Tourism Management System using

Visual Basic and Oracle SQL

**AIM:**

To create a user-friendly tourism management system using visual basic 6.0 as front-end and oracle sql as back-end.

**DESCRIPTION:**

To establish a connection between VB 6.0 andOracle SQL.

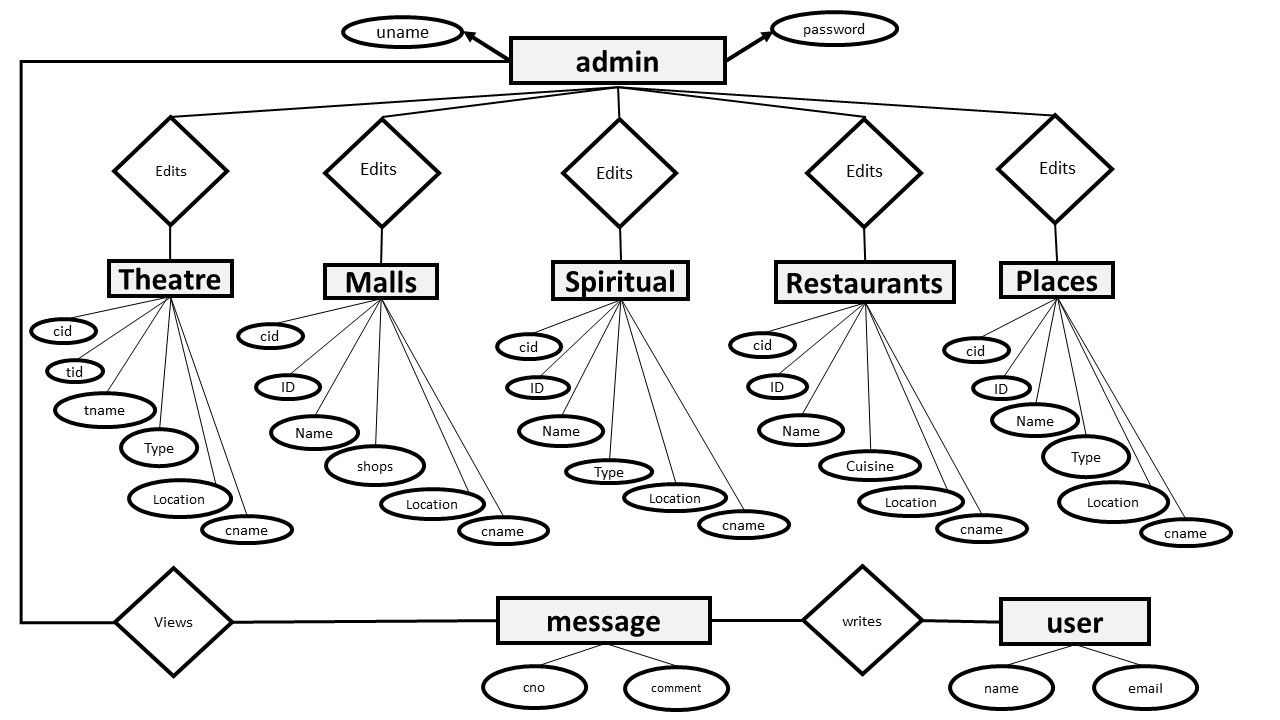
The main idea with which the project is built is Tamilnadu Tourism. This project has an interactive front end where the user can search for the desired city and find out the major places to visit in that particular city. It also has a filter option where the user can pick the desired place of visit such as entertainment, spiritual, travel, shopping and restaurants. A message section is also available for the users to post their messages, which will be delivered to the admin.

A login page with username and password is provided only for the application administrators. They can log in to read the user messages and respond accordingly. They are also provided with the permission to add, update and delete the information visible to the users.

**CONCEPTS USED:**

* Insert
* Select
* Delete
* Joins
* Sequence

**ER-DIAGRAM:**

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**CODE SNIPPET:**

**FRONT-END (VB):**

**Form 1**

Dim rs As New ADODB.Recordset

Dim cn As New ADODB.Connection

Dim cmd As New ADODB.Command

Option Explicit

Private Sub find1\_Click()

Set rs = New ADODB.Recordset

Set cn = New ADODB.Connection

cn.Open ("Provider=MSDAORA.1;Password=raina;User ID=SYSTEM;Data Source=orcl;Persist Security Info=True")

rs.Open "select \* from restaurants where rid like ('" & T1.Text & "')", cn, adOpenDynamic, adLockBatchOptimistic

Unload Me

entertainment.Show

entertainment.Text1.Text = rs("cid")

entertainment.Text2.Text = rs("cname")

entertainment.Text3.Text = rs("rid")

entertainment.Text4.Text = rs("rname")

entertainment.Text5.Text = rs("cusine\_type")

entertainment.Text6.Text = rs("loc")

cn.Close

End Sub

Private Sub Form\_Load()

End Sub

**Form2**

Private Sub find3\_Click()

Set rs = New ADODB.Recordset

Set cn = New ADODB.Connection

cn.Open ("Provider=MSDAORA.1;Password=raina;User ID=SYSTEM;Data Source=orcl;Persist Security Info=True")

rs.Open "select \* from mall where mid like ('" & T3.Text & "')", cn, adOpenDynamic, adLockBatchOptimistic

Unload Me

Form2.Show

Form2.Text1.Text = rs("cid")

Form2.Text2.Text = rs("cname")

Form2.Text3.Text = rs("tid")

Form2.Text4.Text = rs("tname")

Form2.Text5.Text = rs("theatre\_type")

Form2.Text6.Text = rs("loc")

cn.Close

End Sub

Private Sub Form\_Load()

End Sub

**FORM 3**

Private Sub Command2\_Click()

If Combo1.Text = "chennai" Then

Form11.Show

Unload Me

ElseIf Combo1.Text = "madurai" Then

Form12.Show

End If

End Sub

Private Sub Command3\_Click()

Form8.Show

Unload Me

End Sub

Private Sub Form\_Load()

Combo1.AddItem ("chennai")

Combo1.AddItem ("madurai")

**FORM 4**

Dim rs As New ADODB.Recordset

Dim cn As New ADODB.Connection

Private Sub clearcmd\_Click()

Form8.Show

Unload Me

End Sub

Private Sub Form\_Load()

End Sub

Private Sub sendcmd\_Click()

Set rs = New ADODB.Recordset

Set cn = New ADODB.Connection

cn.Open ("Provider=MSDAORA.1;Password=raina;User ID=SYSTEM;Data Source=orcl;Persist Security Info=True")

rs.Open "insert into comments values('" & Text1.Text & "','" & Text2.Text & "','" & Text3.Text & "')", cn, adOpenDynamic, adLockBatchOptimistic

cn.Close

MsgBox ("Saved successfully")

End Sub

**FORM 5**

Dim cn As New ADODB.Connection

Dim cmd As New ADODB.Command

Dim rs As New ADODB.Recordset

Dim an As String

Private Sub Command1\_Click()

Set cn = New ADODB.Connection

cn.Open ("Provider=MSDAORA.1;Password=raina;User ID=SYSTEM;Data Source=orcl;Persist Security Info=True")

cmd.ActiveConnection = cn

cn.CursorLocation = adUseClient

If rs.State = adStateClosed Then

rs.Open "select r.rid,r.rname,t.tid,t.tname from restaurants r , theatre t where r.cid = t.cid and r.cname = 'madurai' ", cn, adOpenDynamic, adLockBatchOptimistic

End If

Set dgr.DataSource = rs

End Sub

Private Sub Command2\_Click()

Form13.Show

Unload Me

End Sub

Private Sub dgr\_Click()

End Sub

Private Sub Form\_Load()

an = "Provider=MSDAORA.1;Password=raina;User ID=SYSTEM;Data Source=orcl;Persist Security Info=True"

End Sub

**FORM 6**

Dim rs As New ADODB.Recordset

Dim cn As New ADODB.Connection

Dim cmd As New ADODB.Command

Option Explicit

Private Sub find2\_Click()

Set rs = New ADODB.Recordset

Set cn = New ADODB.Connection

cn.Open ("Provider=MSDAORA.1;Password=raina;User ID=SYSTEM;Data Source=orcl;Persist Security Info=True")

rs.Open "select \* from theatre where tid like ('" & T2.Text & "')", cn, adOpenDynamic, adLockBatchOptimistic

Unload Me

Form1.Show

Form1.Text1.Text = rs("cid")

Form1.Text2.Text = rs("cname")

Form1.Text3.Text = rs("tid")

Form1.Text4.Text = rs("tname")

Form1.Text5.Text = rs("theatre\_type")

Form1.Text6.Text = rs("loc")

cn.Close

End Sub

Private Sub T2\_Change()

End Sub

**FORM 7**

Dim rs As New ADODB.Recordset

Dim cn As New ADODB.Connection

Dim cmd As New ADODB.Command

Option Explicit

Private Sub find4\_Click()

Set rs = New ADODB.Recordset

Set cn = New ADODB.Connection

cn.Open ("Provider=MSDAORA.1;Password=raina;User ID=SYSTEM;Data Source=orcl;Persist Security Info=True")

rs.Open "select \* from religious where name like ('" & T4.Text & "')", cn, adOpenDynamic, adLockBatchOptimistic

Unload Me

Form3.Show

Form3.Text1.Text = rs("cid")

Form3.Text2.Text = rs("cname")

Form3.Text3.Text = rs("name")

Form3.Text4.Text = rs("type")

Form3.Text5.Text = rs("loc")

cn.Close

End Sub

Private Sub Form\_Load()

End Sub

**FORM 8**

Private Sub find3\_Click()

Set rs = New ADODB.Recordset

Set cn = New ADODB.Connection

cn.Open ("Provider=MSDAORA.1;Password=raina;User ID=SYSTEM;Data Source=orcl;Persist Security Info=True")

rs.Open "select \* from mall where mid like ('" & T3.Text & "')", cn, adOpenDynamic, adLockBatchOptimistic

Unload Me

Form2.Show

Form2.Text1.Text = rs("cid")

Form2.Text2.Text = rs("cname")

Form2.Text3.Text = rs("mid")

Form2.Text4.Text = rs("mname")

Form2.Text5.Text = rs("shops")

Form2.Text6.Text = rs("loc")

cn.Close

End Sub

Private Sub Form\_Load()

End Sub

**FORM 9**

Dim cn As New ADODB.Connection

Dim cmd As New ADODB.Command

Dim rs As New ADODB.Recordset

Dim an As String

Private Sub Command1\_Click()

Set cn = New ADODB.Connection

cn.Open ("Provider=MSDAORA.1;Password=raina;User ID=SYSTEM;Data Source=orcl;Persist Security Info=True")

cmd.ActiveConnection = cn

cn.CursorLocation = adUseClient

If rs.State = adStateClosed Then

rs.Open "select r.rid,r.rname,t.tid,t.tname from restaurants r , theatre t where r.cid = t.cid and r.cname = 'chennai' ", cn, adOpenDynamic, adLockBatchOptimistic

End If

Set dgr.DataSource = rs

End Sub

Private Sub Command2\_Click()

citymain.Show

Unload Me

End Sub

Private Sub dgr\_Click()

End Sub

Private Sub Form\_Load()

an = "Provider=MSDAORA.1;Password=raina;User ID=SYSTEM;Data Source=orcl;Persist Security Info=True"

End Sub

**FORM 10**

Private Sub Command1\_Click()

If Combo1.Text = "chennai" Then

Form11.Show

Unload Me

End Sub

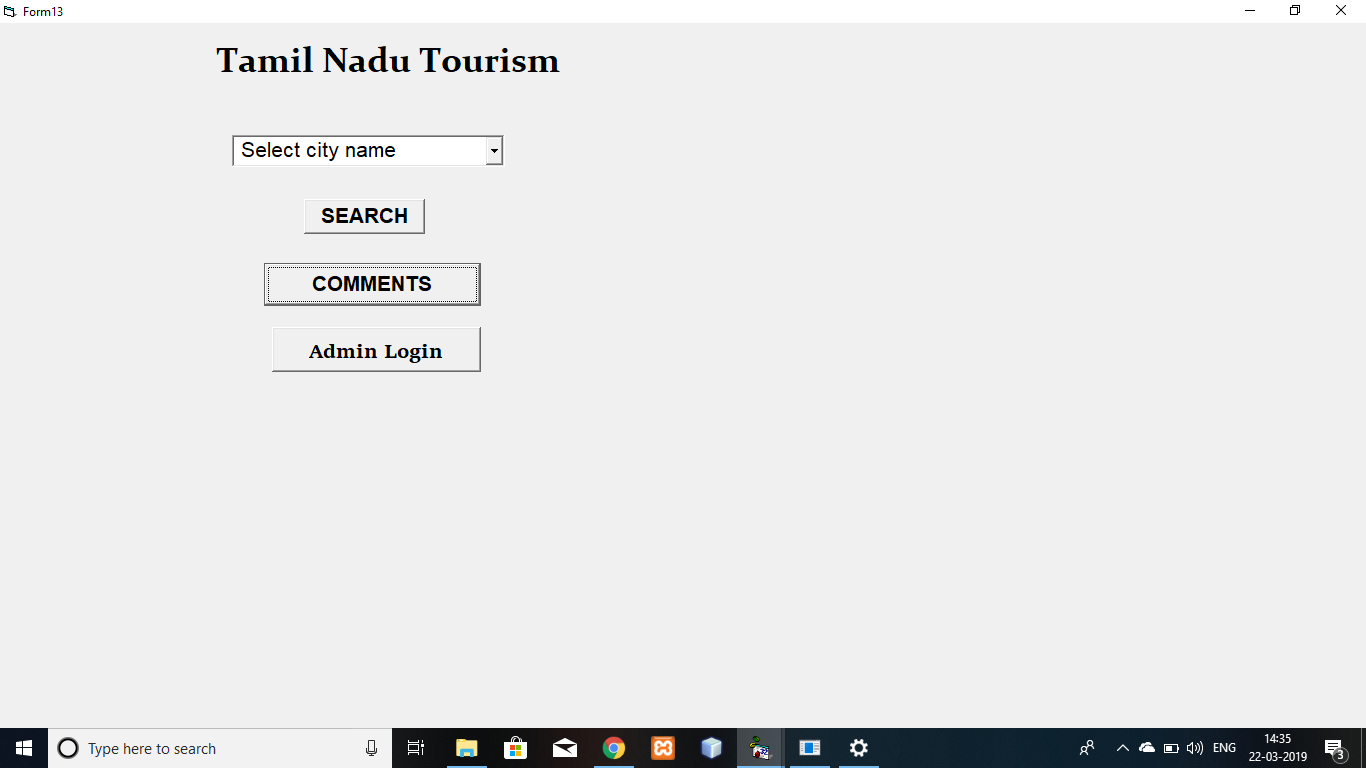
Private Sub Form\_Load()

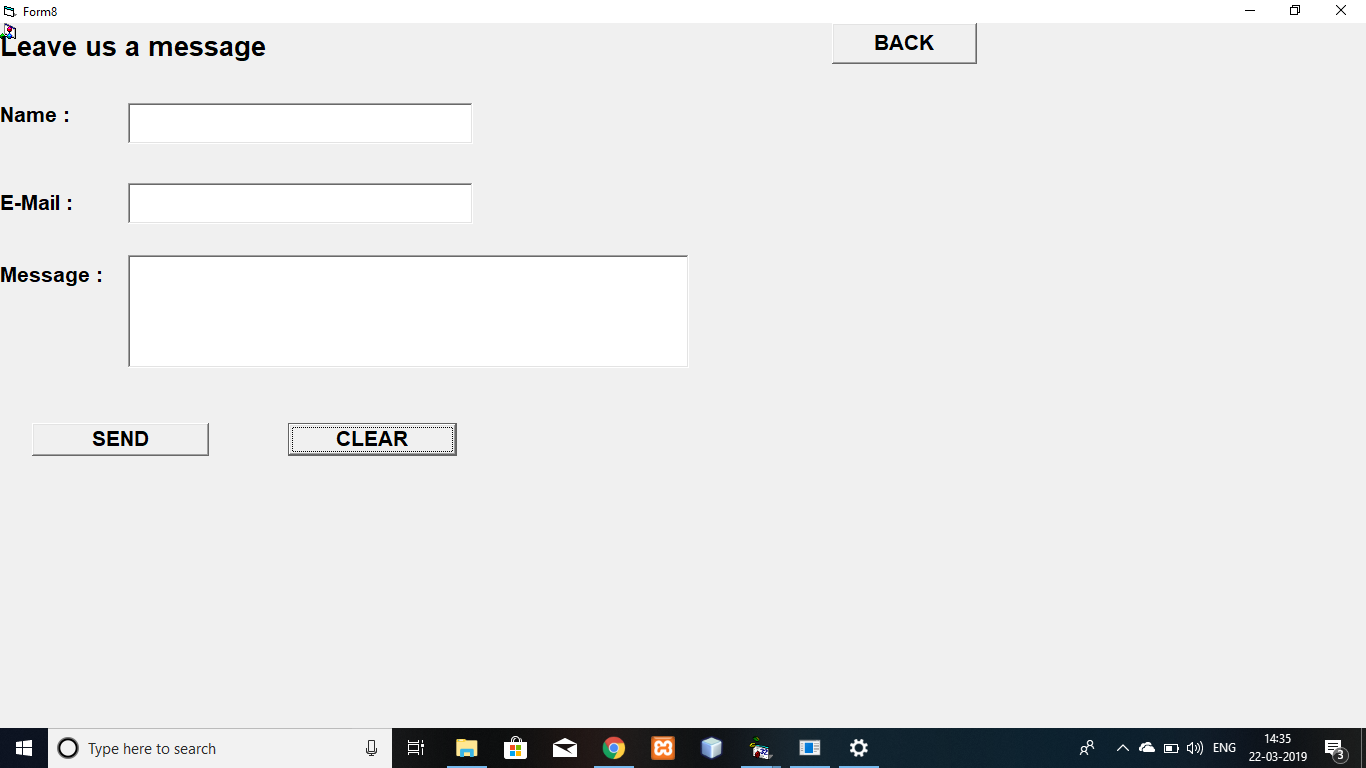
Combo1.AddItem ("chennai")

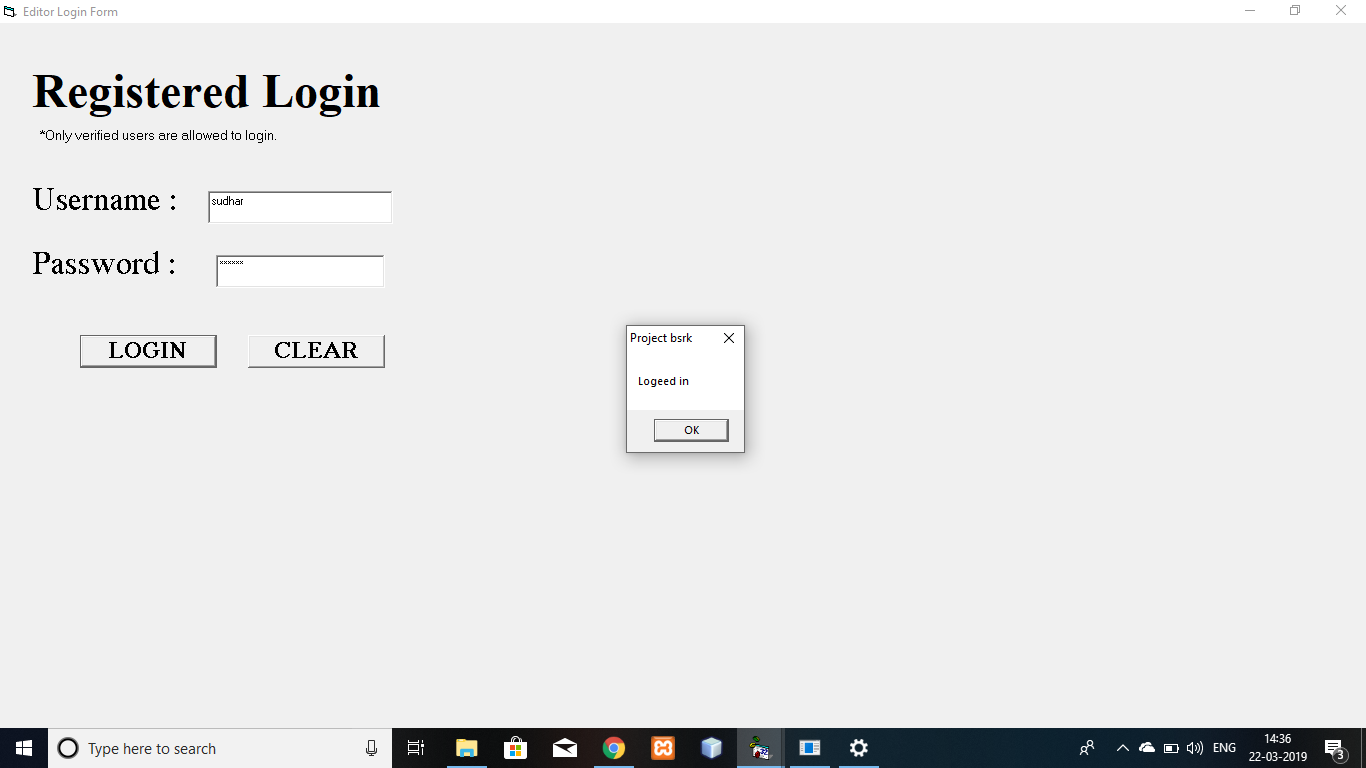
Combo1.AddItem ("madurai")

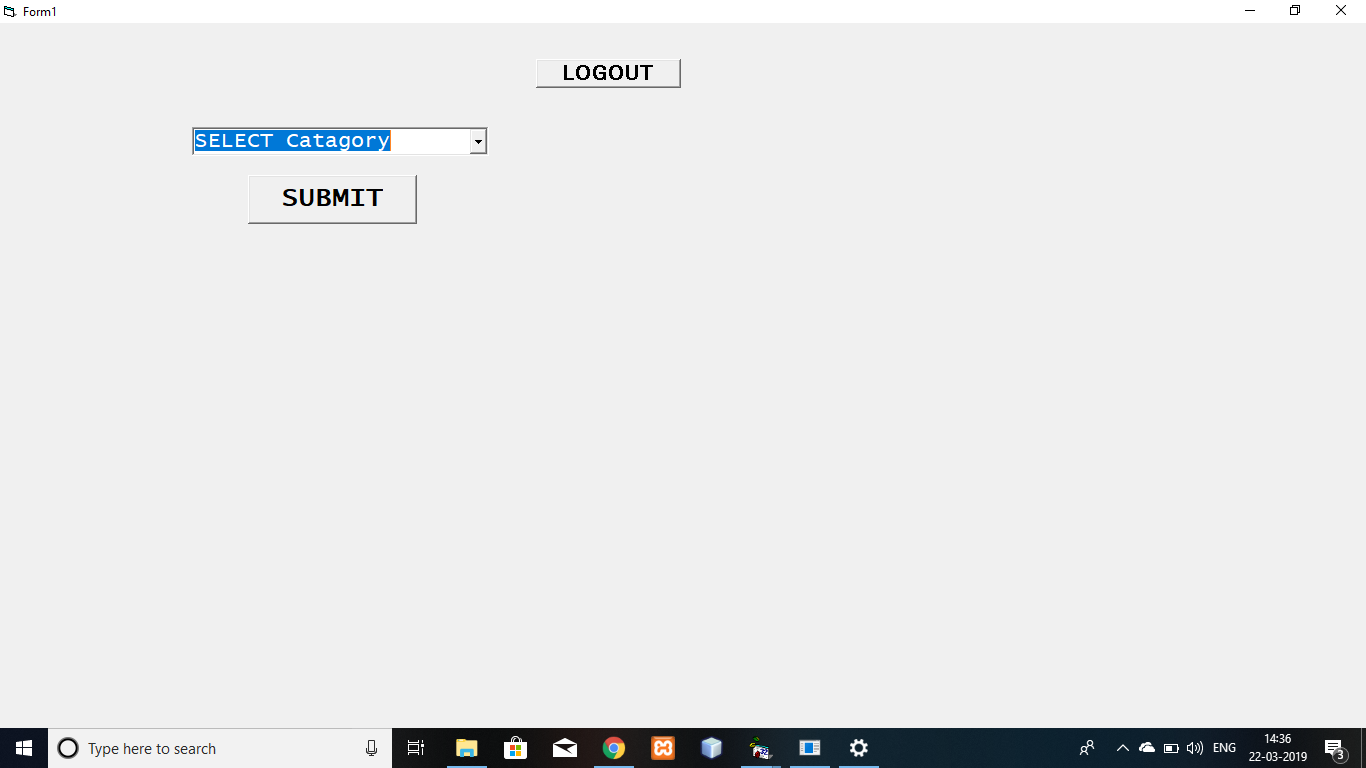
End Sub

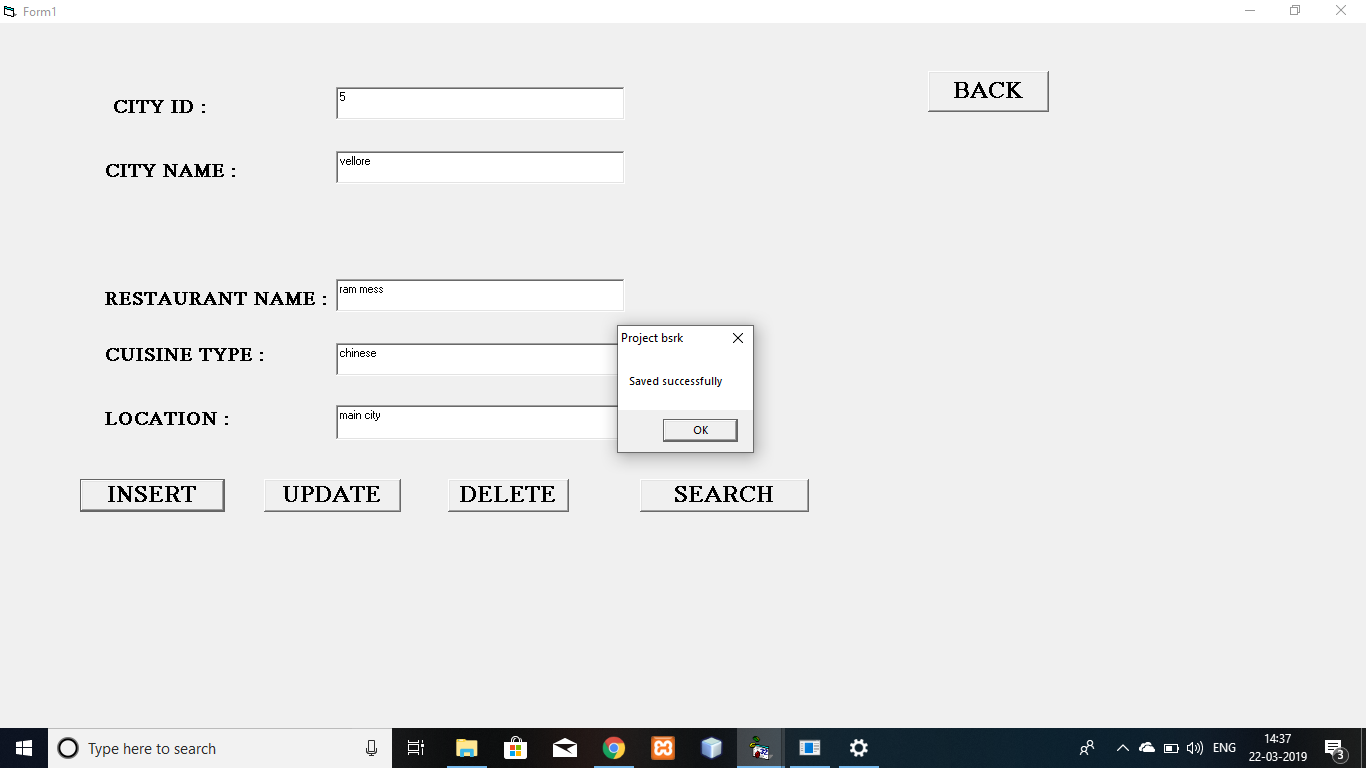
**Screenshots:**

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**PROJECT DONE BY:**

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**SIVARAMAKRISHNAN S**