

## Module Implementation

There are 3 modules implemented to the database. There are as follows: 'AgeFunction', 'LoginStatus' and 'ShortcutMenu'. These 3 unique modules has their own procedure for this database.

Note: the modules are set as exactly planned in the Initial Designs

- The purpose of the module 'AgeFuntion' is to calculate the age of each Guest who are recorded in the database.

Date of Birth	Age
31/07/1929	85
23/12/1983	31
17/01/1959	56
02/10/1985	29
31/03/1933	82
10/10/1991	23
05/12/1991	23
13/05/1997	17

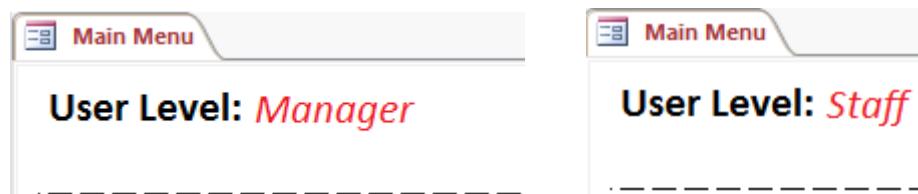
The VBA Code of the Module 'AgeFuntion'.

```
Public Function Age (DOB As Date)

'To get the Guests Age
Age = Int ((Date - DOB) / 365.242)

End Function
```

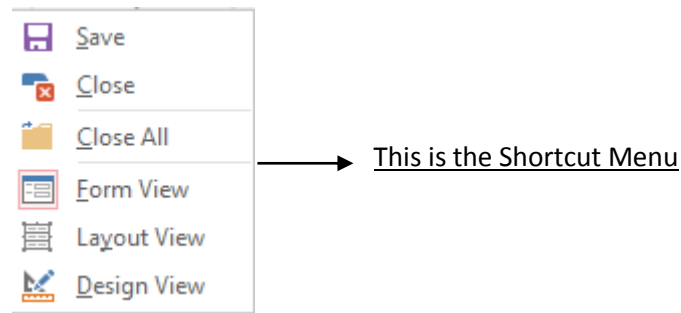
- The purpose of the module 'LoginStatus' is to pass on the User Level of the User who are logged into the system. The User Level will be displayed in the top left cover of the Main Menu Form. If the User is a Manager, it will display as Manager or if not Staff.



The VBA Code of the Module 'LoginStatus'.

```
'This global variable is created to pass on the user level
Public logstatus As String
```

- The purpose of the module 'ShortcutMenu' is to disable the Shortcut Menu in forms.



The VBA Code of the Module 'ShortcutMenu'

```
Public Sub ShortcutMenu()
'To Disable the shortcut menu in forms

'Declare the variables
Dim frm As AccessObject
Dim db As Object
'state db as the current project
Set db = Application.CurrentProject
'I have created a loop to do this disabling process to all forms.
For Each frm In db.AllForms
'Opens form
DoCmd.OpenForm frm.Name, acDesign
'The if statement will check if the form is going to be designed
If Forms(frm.Name).AllowDesignChanges = True Then
'If this is true then the shortcut Menu will not show up. The right click will be disabled
Forms(frm.Name).ShortcutMenu = False
End If
'Close form
DoCmd.Close acForm, frm.Name, acSaveYes
'This statement will keep looping untill it ends
Next frm

End Sub
```