Module 3 – Databinding and Animations

Assignment 1 – Bind data to employee component

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Assignment –1:

Problem Statement

Bind data to the employee component created in Module 2 assignment 1 using *String Interpolation*.

Using two-way databinding, edit and update the employee details.

Perform the following operations to build the application:

1. Under the employee folder, create a new file 'employee.ts'. In this file create employee interface and add the 6 properties/variables

    - Employee ID
    - First Name
    - Last Name
    - Salary
    - DOB
    - Email
    - Action

2. Import the employee.ts file in employee.component.ts

3. Create an employee object in employee.component.ts file to store dummy employee data

Action property:

This property helps to edit the details of the employee and display the updated details on the browser. To implement this:

4. Create two methods namely, EditEmp() and UpdateEmp(), and a boolean variable "showEdit" in employee.component.ts file.
5. Set the value of the variable "showEdit" to false.
6. Implement the logic for the two methods EditEmp() and UpdateEmp() such that:
    - The EditEmp() must change the Boolean value of the property "showEdit" to true
    - The UpdateEmp() changes the Boolean value of the property "showEdit" to false

7. In the employee.component.html file, link the action property with EditEmp() and UpdateEmp() methods. Create two buttons for the same, i.e., Edit and Update
8. The edit button must invoke the EditEmp() method and the update button must invoke the UpdateEmp() method.
9. Use the *ngIf directive with [(ngModel)] to implement two-way databinding and change the employee details when the edit button is clicked.
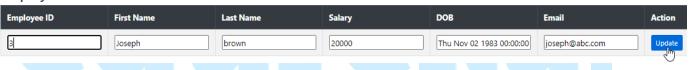
Here is an example of how your application should look:

Edit:

Employees

Employee ID	First Name	Last Name	Salary	DOB		Email	Action
2	John	Smith	10000	Wed Nov 02 1983 00:00:00 GMT+0530 (India Standard Time)		john@abc.com	Edit

Update:

Employees

Employee ID	First Name	Last Name	Salary	DOB	Email	Action
3	Joseph	brown	20000	Thu Nov 02 1983 00:00:00	joseph@abc.com	Update

Employees

Employee ID	First Name	Last Name	Salary	DOB		Email	Action
3	Joseph	brown	20000	Thu Nov 02 1983 00:00:00 GMT+0530 (India Standard Time)		joseph@abc.com	Edit

After building the application, prepare a ZIP file of the application code and upload it on LMS in Assignment solution section for evaluation.