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Department:Information Technology

Micro Project:Employee Management System

Output:

1) Frontend Page:

Employee Management System

Employee Id

Employee Name

Employee Salary

2) Adding data to Database:

Employee Management System

Employee Id

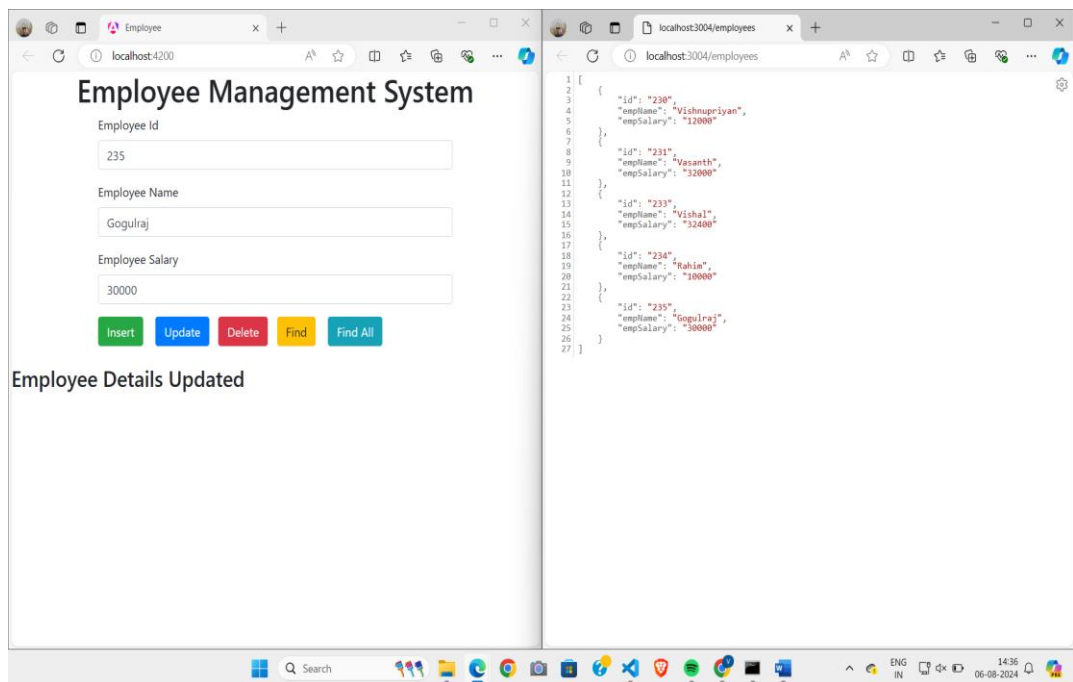
Employee Name

Employee Salary

Employee Details Added

```
1 [
2   {
3     "id": "230",
4     "empName": "Vishnupriyan",
5     "empSalary": "32000"
6   },
7   {
8     "id": "231",
9     "empName": "Vasanth",
10    "empSalary": "32000"
11  },
12  {
13    "id": "233",
14    "empName": "Vishal",
15    "empSalary": "32400"
16  },
17  {
18    "id": "234",
19    "empName": "Rahia",
20    "empSalary": "10000"
21  },
22  {
23    "id": "235",
24    "empName": "Asif",
25    "empSalary": "20000"
26  }
27 ]
```

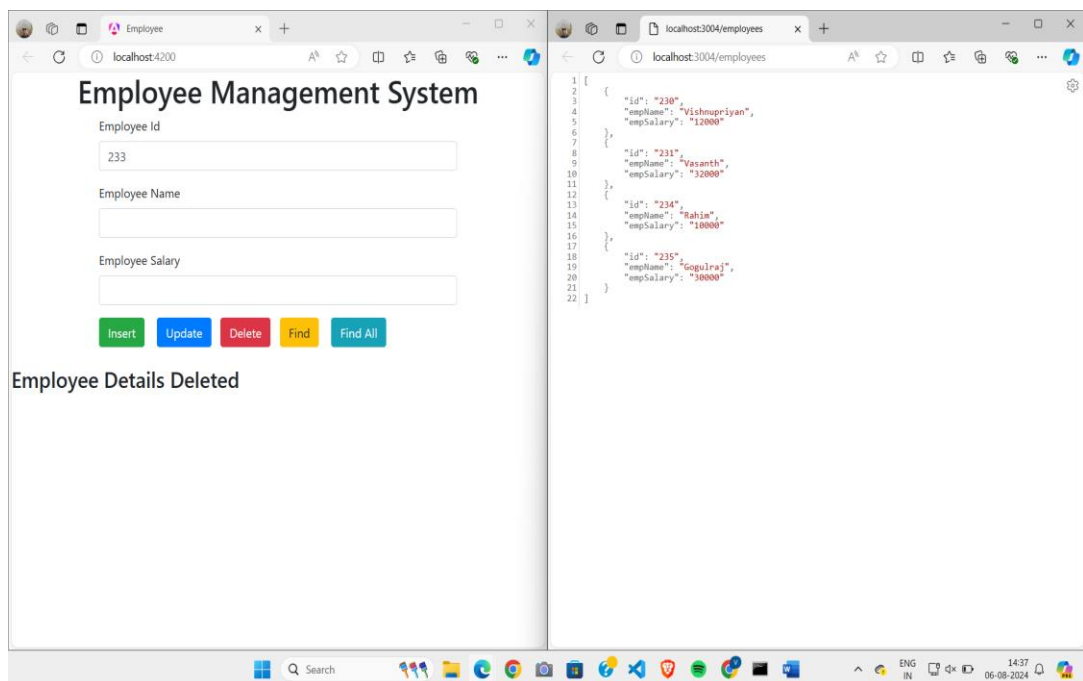
3)Update the 5th data:



The screenshot displays two browser windows. The left window, titled 'Employee Management System', is at localhost:4200 and shows a form with 'Employee Id' set to 235, 'Employee Name' as 'Gogulraj', and 'Employee Salary' as 30000. Below the form are buttons for 'Insert', 'Update', 'Delete', 'Find', and 'Find All'. The 'Update' button is highlighted. Below the form, the text 'Employee Details Updated' is visible. The right window, at localhost:3004/employees, shows a JSON array of employee data. The 5th element (index 4) is highlighted in red, showing an update for employee ID 235: {"id": "235", "empName": "Gogulraj", "empSalary": "30000"}.

```
1 [
2   {
3     "id": "230",
4     "empName": "Vishnupriyan",
5     "empSalary": "12000"
6   },
7   {
8     "id": "231",
9     "empName": "Vasanth",
10    "empSalary": "32000"
11  },
12  {
13    "id": "233",
14    "empName": "Vishal",
15    "empSalary": "32400"
16  },
17  {
18    "id": "234",
19    "empName": "Rahim",
20    "empSalary": "10000"
21  },
22  {
23    "id": "235",
24    "empName": "Gogulraj",
25    "empSalary": "30000"
26  }
27 ]
```

4)Delete the 3rd data:



The screenshot displays two browser windows. The left window, titled 'Employee Management System', is at localhost:4200 and shows the same form as before, but with 'Employee Id' set to 233. The 'Delete' button is highlighted. Below the form, the text 'Employee Details Deleted' is visible. The right window, at localhost:3004/employees, shows the JSON array of employee data. The 3rd element (index 2) is highlighted in red, showing a delete operation for employee ID 233: {"id": "233", "empName": "Gogulraj", "empSalary": "30000"}.

```
1 [
2   {
3     "id": "230",
4     "empName": "Vishnupriyan",
5     "empSalary": "12000"
6   },
7   {
8     "id": "231",
9     "empName": "Vasanth",
10    "empSalary": "32000"
11  },
12  {
13    "id": "234",
14    "empName": "Rahim",
15    "empSalary": "10000"
16  },
17  {
18    "id": "235",
19    "empName": "Gogulraj",
20    "empSalary": "30000"
21  }
22 ]
```

5)Find the 2nd data :

Employee Management System

Employee Id

234

Employee Name

Employee Salary

Insert

Update

Delete

Find

Find All

234 Rahim 10000

```
1 [
2   {
3     "id": "230",
4     "empName": "Vishnupriyan",
5     "empSalary": "12000"
6   },
7   {
8     "id": "234",
9     "empName": "Rahim",
10    "empSalary": "10000"
11  },
12  {
13    "id": "235",
14    "empName": "Gogulraj",
15    "empSalary": "30000"
16  },
17  {
18    "id": "232",
19    "empName": "vasanth",
20    "empSalary": "32000"
21  }
22 ]
```

6)Find all the data:

Employee Management System

Employee Id

Employee Name

Employee Salary

Insert

Update

Delete

Find

Find All

Employee Id	Employee Name	Employee Salary
230	Vishnupriyan	12000
234	Rahim	10000
235	Gogulraj	30000
232	vasanth	32000