

EMPLOYEE MANAGEMENT SYSTEM

-OUTPUTS

Employee Table Handling

Read :

<http://localhost:3002/employees>



Create:

Cmd command --> curl --data

"Employee_name=Suriya&Employee_age=45&Department_id=2"

<http://localhost:3002/employees>

```
User modified with ID: 9
C:\Users\HAPPY>curl --data "Employee_name=Suriya&Employee_age=45&Department_id=2" http://localhost:3002/employees
Employee added
C:\Users\HAPPY>
```

```
Command Prompt - psql -d postgres -U me

api=> SELECT * FROM Employee;
 employee_id | employee_name | employee_age | department_id
-----
1 | Ezhilarasi S | 20 | 4
2 | Vijayalakshmi S | 40 | 1
3 | Karthikeyan T | 20 | 5
4 | Reyashree T | 25 | 7
10 | Patrick | 23 | 4
9 | Suriya | 45 | 2
12 | Suriya | 45 | 2
(7 rows)

api=>
```

Update:

Cmd command --> `curl -X PUT http://localhost:3002/employees/9 -d "Employee_name=Sneha&Employee_age=26&Department_id=6"`

```
C:\Users\HAPPY>curl -X PUT http://localhost:3002/employees/9 -d "Employee_name=Sneha&Employee_age=26&Department_id=6"
User modified with ID: 9
C:\Users\HAPPY>
```

```
Command Prompt - psql -d postgres -U me

api=> SELECT * FROM Employee;
 employee_id | employee_name | employee_age | department_id
-----
1 | Ezhilarasi S | 20 | 4
2 | Vijayalakshmi S | 40 | 1
3 | Karthikeyan T | 20 | 5
4 | Reyashree T | 25 | 7
10 | Patrick | 23 | 4
12 | Suriya | 45 | 2
9 | Sneha | 26 | 6
(7 rows)

api=>
```

Delete:

Cmd command --> `curl -X "DELETE"`
<http://localhost:3002/employees/12>

```
User modified with ID: 9
C:\Users\HAPPY>curl -X "DELETE" http://localhost:3002/employees/12
Employee deleted with ID: 12
C:\Users\HAPPY>
```

```
Command Prompt - psql -d postgres -U me
(7 rows)

api-> SELECT * FROM Employee;
 employee_id | employee_name | employee_age | department_id
-----
1 | Ezhilarasi S | 20 | 4
2 | Vijayalakshmi S | 40 | 1
3 | Karthikeyan T | 20 | 5
4 | Reyashree T | 25 | 7
10 | Patrick | 23 | 4
9 | Sneha | 26 | 6
(6 rows)

api->
```

Read by Employee_id:

<http://localhost:3002/employees/1>

```
localhost:5000/employees/1
[{"employee_id":1,"employee_name":"Ezhilarasi S","employee_age":20,"department_id":4}]
```

Sort by Employee_name:

http://localhost:3002/employees?sortby=Employee_name

```
localhost:5000/employees?sortby=Employee_name
[{"employee_id":1,"employee_name":"Ezhilarasi S","employee_age":20,"department_id":4}, {"employee_id":3,"employee_name":"Karthikeyan T","employee_age":20,"department_id":5}, {"employee_id":10,"employee_name":"Patrick","employee_age":23,"department_id":4}, {"employee_id":4,"employee_name":"Reyashree T","employee_age":25,"department_id":7}, {"employee_id":7,"employee_name":"Sneha","employee_age":26,"department_id":6}, {"employee_id":9,"employee_name":"Sneha","employee_age":26,"department_id":6}, {"employee_id":2,"employee_name":"Vijayalakshmi S","employee_age":40,"department_id":1}]
```

Department Table Handling

Read:

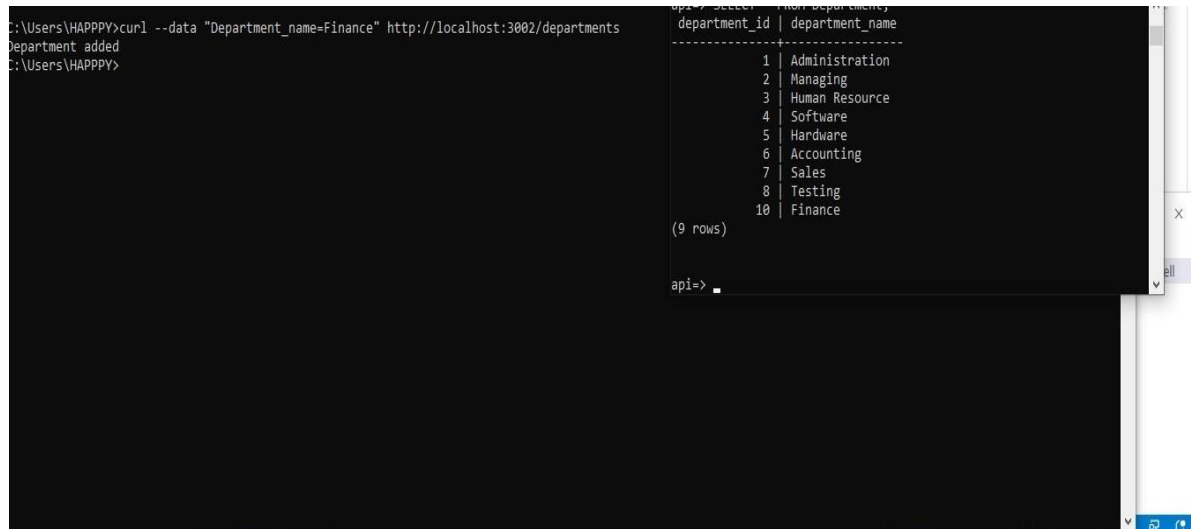
<http://localhost:3002/departments>

```
localhost:3002/departments
[{"department_id":1,"department_name":"Administration"}, {"department_id":2,"department_name":"Managing"}, {"department_id":3,"department_name":"Human Resource"}, {"department_id":4,"department_name":"Software"}, {"department_id":5,"department_name":"Hardware"}, {"department_id":6,"department_name":"Accounting"}, {"department_id":7,"department_name":"Sales"}, {"department_id":8,"department_name":"Testing"}]
```

Create:

Cmd command --> `curl --data "Department_name=Finance" http://localhost:3002/departments`

```
C:\Users\HAPPY>curl --data "Department_name=Finance" http://localhost:3002/departments
Department added
C:\Users\HAPPY>
```

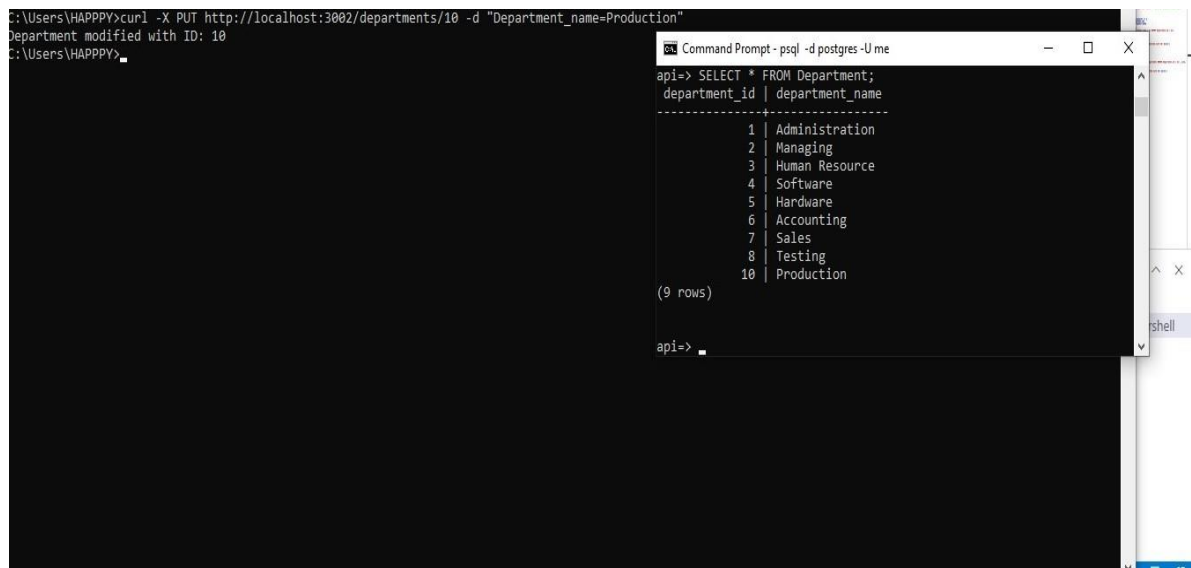


department_id	department_name
1	Administration
2	Managing
3	Human Resource
4	Software
5	Hardware
6	Accounting
7	Sales
8	Testing
10	Finance

Update:

Cmd command --> `curl -X PUT http://localhost:3002/departments/10 -d "Department_name=Production"`

```
C:\Users\HAPPY>curl -X PUT http://localhost:3002/departments/10 -d "Department_name=Production"
Department modified with ID: 10
C:\Users\HAPPY>
```



department_id	department_name
1	Administration
2	Managing
3	Human Resource
4	Software
5	Hardware
6	Accounting
7	Sales
8	Testing
10	Production

Delete:

Cmd command --> curl -X "DELETE"

<http://localhost:3002/departments/10>

```
department modified with ID: 10
C:\Users\HAPPY>curl -X "DELETE" http://localhost:3002/departments/10
Department deleted with ID: 10
C:\Users\HAPPY>
```

```
api=> SELECT * FROM Department;
department_id | department_name
-----
1 | Administration
2 | Managing
3 | Human Resource
4 | Software
5 | Hardware
6 | Accounting
7 | Sales
8 | Testing
(8 rows)

api=>
```

Read Department by Department_id:

<http://localhost:3002/departments/1>

```
localhost:3002/departments/1
[{"department_id":1,"department_name":"Administration"}]
```

Sort Department by Department_name:

http://localhost:3002/departments?sortby=Department_name

```
[{"department_id":6,"department_name":"Accounting"}, {"department_id":1,"department_name":"Administration"}, {"department_id":5,"department_name":"Hardware"}, {"department_id":3,"department_name":"Human Resource"}, {"department_id":2,"department_name":"Managing"}, {"department_id":7,"department_name":"Sales"}, {"department_id":4,"department_name":"Software"}, {"department_id":8,"department_name":"Testing"}]
```