

PUT METHOD

** PUT METHOD USED TO **UPDATE AND MODIFY** THE DATA

Open contrllers and write code→

Chatgpt explained below

```
const updateEmployee = async (req, res) => {
  try {
    const { name, email, phone, city } = req.body; // getting data from body

    const myEmployee = await Employee.findByIdAndUpdate(req.params.id, {
      name,
      email,
      phone,
      city,
    });
    //if record not there with that id
    if (!myEmployee) {
      return res.status(404).json({ message: "employee not found" });
    }
    //if record there with that id
    res.status(200).json(myEmployee);
  } catch (error) {
    console.error("there is an error : ", error);
    res.status(500).json({ message: "Server error" });
  }
};

module.exports = { createEmployee, getEmployees, singleEmployee, updateEmployee };
```

3. Extract Data from Request Body:

javascript

Copy code

```
const { name, email, phone, city } = req.body;
```

- Extracts the employee details (name, email, phone, city) from the request body.

4. Find and Update the Employee:

javascript

Copy code

```
const myEmployee = await Employee.findByIdAndUpdate(  
  req.params.id,  
  { name, email, phone, city },  
  { new: true } // Ensures the updated document is returned  
);
```

- Uses `Employee.findByIdAndUpdate` to find the employee by ID (`req.params.id`) and update its details.



Create router in router.js

```
s 7 JS employeeRoutes.js > ...  
const express = require("express");  
const router = express.Router();  
const employeeController = require("../controllers/EmployeeController");  
const Employee = require("../models/Employee");  
  
//post method  
router.post("/add-emp", employeeController.createEmployee);  
//get method  
router.get("/allemployees", employeeController.getEmployees);  
//get single row by name  
router.get("/employee/:name", employeeController.singleEmployee);  
//put method  
router.put("/update/:id", employeeController.updateEmployee);  
  
module.exports = router;
```

Steps to update

Open postman ->

A screenshot of the Postman application showing a PUT request. The method 'PUT' is selected in the dropdown on the left. The URL is 'localhost:5000/employees/update/667489abaac5dc9fe7b2299e'. A blue 'Send' button is on the right.

PUT localhost:5000/employees/update/667489abaac5dc9fe7b2299e Send

And in below which place write what to change

```
1  {  
2    "name": "Ram charan",  
3    "email": "rrr@gmail.com",  
4    "phone": 949033,  
5    "city": "hyd"  
6  }
```

And click on send it will get updated

Initially for that id

```
_id: ObjectId('667489abaac5dc9fe7b2299e')  
name : " Alu Arjun"  
email : "allu@gmail.com"  
phone : 999999  
city : "hyd"  
__v : 0
```

After updation

```
_id: ObjectId('667489abaac5dc9fe7b2299e')  
name : "Ram charan"  
email : "rrr@gmail.com"  
phone : 949033  
city : "hyd"
```