CRUD Node.js API Documentation

1. Requirements

* Node.js installed on your machine.
* MySQL installed and running on your local machine.
* Postman or any API testing tool.

2. Setup

* Clone the repository or copy the code to your local machine.
* Navigate to the project directory using the terminal.
* Install the required Node.js packages by running:
* npm install

3. Database Setup

* Ensure that your MySQL server is running.
* Create a database named employeedb in MySQL.

4. Configuration

* Open the connection.js file and update the MySQL connection details if needed (e.g., username, password).

5. Run the Application

* Start the Node.js application by running:
* npm start
* This will start the Express server on http://localhost:3000.

6. API Endpoints

* GET /employee/:id

Fetches an employee with the specified ID.

Example: http://localhost:3000/employee/1

* GET /employee

Fetches all employees.

Example: http://localhost:3000/employee

* DELETE /employee/:id

Deletes an employee with the specified ID.

Example: http://localhost:3000/employee/1

* POST /employee

Creates a new employee.

Example:

{

"name": "John Doe",

"salary": 50000

}

Send a POST request to http://localhost:3000/employee.

* PATCH /employee

Updates an employee's name and salary based on the ID.

Example:

{

"id": 1,

"name": "Updated Name",

"salary": 60000

}

Send a PATCH request to http://localhost:3000/employee.

* PUT /employee

Updates an employee's name and salary based on the ID. If the ID doesn't exist, it creates a new employee.

Example:

{

"id": 2,

"name": "New Employee",

"salary": 55000

}

Send a PUT request to http://localhost:3000/employee.

7. Testing with Postman

* Open Postman or any API testing tool.
* Use the provided examples for each endpoint.
* Send requests to the corresponding endpoints to test CRUD operations.

-Priyanshu Sharma