The Documentation for the API endpoints

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1. Get All Employees

- **Endpoint:** `GET /api/Employees`
- **Description:** Retrieves a list of all employees.
- **Request:** None
- **Response:**
  - **200 OK**
    - Returns a list of employees in the following format:

      ```
      [
        {
          "name": "string",
          "department": "string",
          "salary": decimal
        }
      ]
      ```

  - **400 Bad Request:** If the request fails.

      ```
      [
        {
          "name": "John Doe",
          "department": "IT",
          "salary": 5000.00
        }
      ]
      ```

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2. Get Employee by ID

- **Endpoint:** `GET /api/Employees/{id}`
- **Description:** Retrieves an employee by their ID.
- **Request:**
  - **Path Parameter:**
    - `id` (int) - The ID of the employee.
- **Response:**
  - **200 OK**
    - Returns the employee details in the following format:

      ```
      {
        "name": "string",
        "department": "string",
        "salary": decimal
      }
      ```

      o **404 Not Found:** If the employee does not exist.
- **Sample Response:**

```
{
  "name": "Jane Smith",
  "department": "HR",
  "salary": 4000.00
}
```

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3. Create a New Employee

- **Endpoint:** `POST /api/Employees`
- **Description:** Adds a new employee.
- **Request:**
  - **Body:**
    - EmployeeDTO in the following format:

```
{
  "name": "string",
  "department": "string",
  "salary": decimal
}
```

- **Response:**
  - **201 Created**
    - Returns the newly created employee's details.

```
{
  "name": "string",
  "department": "string",
  "salary": decimal
}
```

  - **400 Bad Request:** If the request contains invalid data.

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4. Update an Employee

- **Endpoint:** `PUT /api/Employees/{id}`
- **Description:** Updates the details of an existing employee.
- **Request:**
  - **Path Parameter:**
    - `id` (int) - The ID of the employee.
  - **Body:**
    - EmployeeDTO in the following format:

```
{
```

```
        "name": "string",
        "department": "string",
        "salary": decimal
    }
```

- **Response:**
  - o **204 No Content:** If the employee was successfully updated.
  - o **404 Not Found:** If the employee does not exist.
  - o **400 Bad Request:** If the request contains invalid data.

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5. Delete an Employee

- **Endpoint:** `DELETE /api/Employees/{id}`
- **Description:** Deletes an employee by their ID.
- **Request:**
  - o **Path Parameter:**
    - ▪ `id` (int) - The ID of the employee.
- **Response:**
  - o **204 No Content:** If the employee was successfully deleted.
  - o **404 Not Found:** If the employee does not exist.