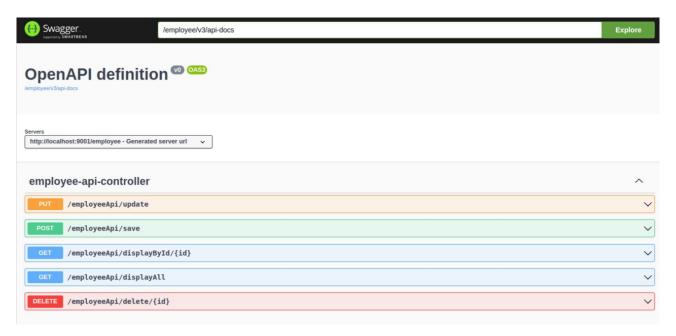# EMPLOYEE MANAGEMENT SYSTEM - REST API

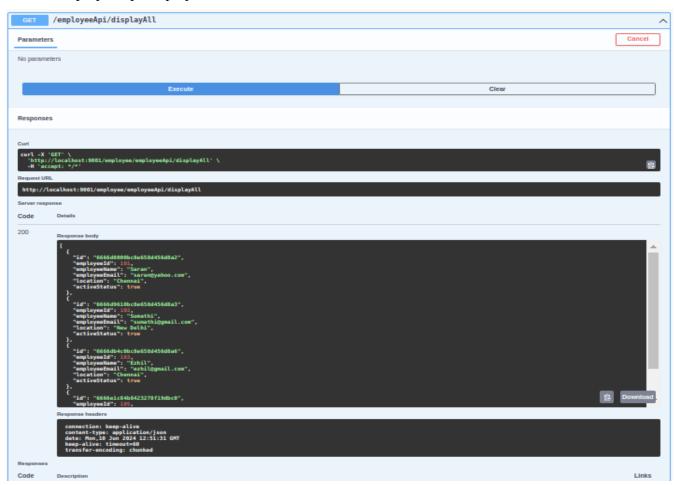**Swagger URLs:**
http://localhost:9001/employee/swagger-ui/index.html

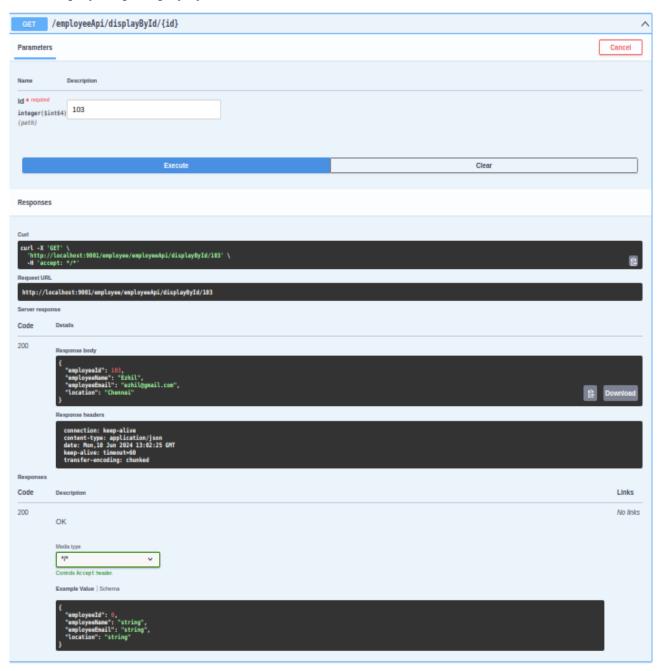***Display All Employees:***
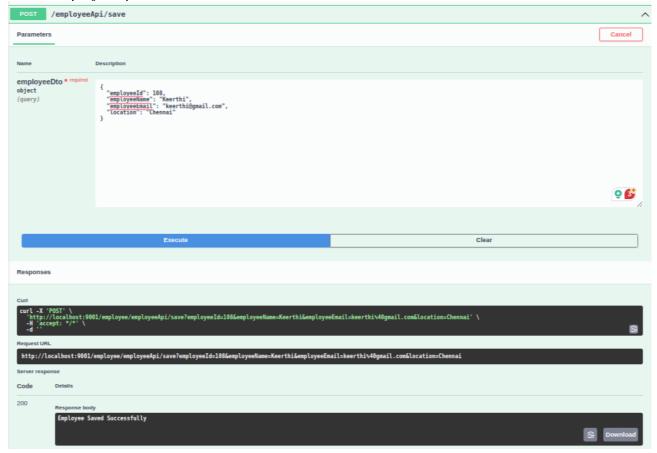**URL**:/employeeApi/displayAll

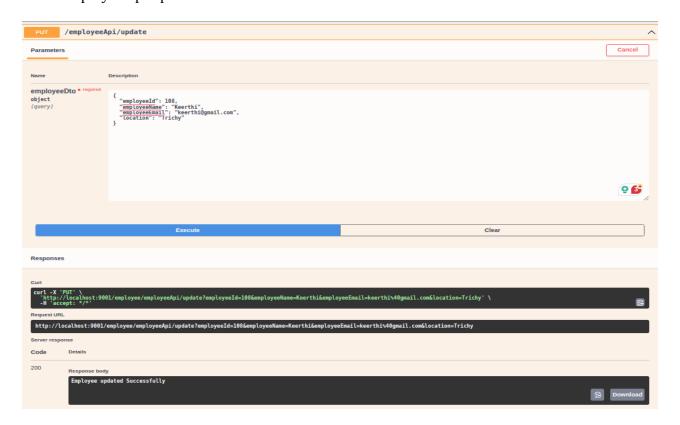### *Display A Employee:*
URL:employeeApi/displayById/{id}

GET	/employeeApi/displayById/{id}	^

Parameters   Cancel

Name	Description
Id * required integer($int64) (path)	103

Execute	Clear

Responses

Curl

```
curl -X 'GET' \
  'http://localhost:9001/employee/employeeApi/displayById/103' \
  -H 'accept: */*'
```

Request URL

```
http://localhost:9001/employee/employeeApi/displayById/103
```

Server response

Code	Details

200	**Response body**
	
	``{
	  "employeeId": 103,
	  "employeeName": "Ezhil",
	  "employeeEmail": "ezhil@gmail.com",
	  "location": "Chennai"
	}``` Download
	
	Response headers
	
	``connection: keep-alive
	content-type: application/json
	date: Mon,10 Jun 2024 13:02:25 GMT
	keep-alive: timeout=60
	transfer-encoding: chunked```

Responses

Code	Description	Links
200	OK	No links

Media type

/	v

Controls Accept header.

Example Value | Schema

```
{
  "employeeId": 0,
  "employeeName": "string",
  "employeeEmail": "string",
  "location": "string"
}
```

Display A Employee:
URL:employeeApi/displayById/{id}

Save A Employee
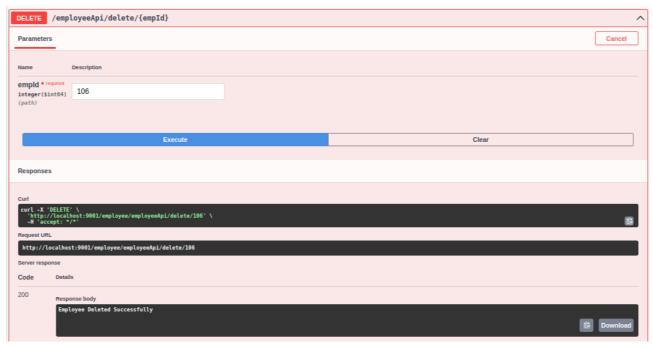**URL**:/employeeApi/save

Update A Employee
URL:/employeeApi/update

Delete A Employee
URL:/employeeApi/delete/{empId}

URL:http://localhost:9001/employee/v3/api-docs

```
{
  "openapi": "3.0.1",
  "info": {
    "title": "OpenAPI definition",
    "version": "v0"
  },
  "servers": [
    {
      "url": "http://localhost:9001/employee",
      "description": "Generated server url"
    }
  ],
  "paths": {
    "/employeeApi/update": {
      "put": {
        "tags": [
          "employee-api-controller"
        ],
        "operationId": "updateEmployee",
        "parameters": [
          {
            "name": "employeeDto",
            "in": "query",
            "required": true,
            "schema": {
              "$ref": "#/components/schemas/EmployeeDto"
            }
          }
        ],
```

```json
    "responses": {
     "200": {
      "description": "OK",
      "content": {
       "*/*": {
        "schema": {
         "type": "string"
        }
       }
      }
     }
    }
   }
  },
  "/employeeApi/save": {
   "post": {
    "tags": [
     "employee-api-controller"
    ],
    "operationId": "saveEmployee",
    "parameters": [
     {
      "name": "employeeDto",
      "in": "query",
      "required": true,
      "schema": {
       "$ref": "#/components/schemas/EmployeeDto"
      }
     }
    ],
    "responses": {
     "200": {
      "description": "OK",
      "content": {
       "*/*": {
        "schema": {
         "type": "object"
        }
       }
      }
     }
    }
   }
  },
  "/employeeApi/displayById/{id}": {
   "get": {
    "tags": [
     "employee-api-controller"
    ],
    "operationId": "displayEmployeeById",
    "parameters": [
     {
```

```json
        "name": "id",
        "in": "path",
        "required": true,
        "schema": {
         "type": "integer",
         "format": "int64"
        }
       }
      ],
      "responses": {
       "200": {
        "description": "OK",
        "content": {
         "*/*": {
          "schema": {
           "$ref": "#/components/schemas/EmployeeDto"
          }
         }
        }
       }
      }
     }
    },
    "/employeeApi/displayAll": {
     "get": {
      "tags": [
       "employee-api-controller"
      ],
      "operationId": "displayAllEmployees",
      "responses": {
       "200": {
        "description": "OK",
        "content": {
         "*/*": {
          "schema": {
           "type": "array",
           "items": {
            "$ref": "#/components/schemas/EmployeeEntity"
           }
          }
         }
        }
       }
      }
     }
    },
    "/employeeApi/delete/{empId}": {
     "delete": {
      "tags": [
       "employee-api-controller"
      ],
      "operationId": "deleteEmployee",
```

```json
      "parameters": [
        {
          "name": "empId",
          "in": "path",
          "required": true,
          "schema": {
            "type": "integer",
            "format": "int64"
          }
        }
      ],
      "responses": {
        "200": {
          "description": "OK",
          "content": {
            "*/*": {
              "schema": {
                "type": "string"
              }
            }
          }
        }
      }
    }
  }
},
"components": {
  "schemas": {
    "EmployeeDto": {
      "type": "object",
      "properties": {
        "employeeId": {
          "type": "integer",
          "format": "int64"
        },
        "employeeName": {
          "type": "string"
        },
        "employeeEmail": {
          "type": "string"
        },
        "location": {
          "type": "string"
        }
      }
    },
    "EmployeeEntity": {
      "type": "object",
      "properties": {
        "id": {
          "type": "string"
        },
```

```
      "employeeId": {
       "type": "integer",
       "format": "int64"
      },
      "employeeName": {
       "type": "string"
      },
      "employeeEmail": {
       "type": "string"
      },
      "location": {
       "type": "string"
      },
      "activeStatus": {
       "type": "boolean"
      }
     }
    }
   }
  }
}
```