

OUTPUT :

Swagger UI

localhost:7194/api/Employees

localhost:7194/api/Departments

localhost:7194/swagger/index.html

WebApplication1 1.0 OAS3

https://localhost:7194/swagger/v1/swagger.json

Departments

- GET /api/Departments
- POST /api/Departments
- GET /api/Departments/{id}
- PUT /api/Departments/{id}
- DELETE /api/Departments/{id}

Employees

- GET /api/Employees
- POST /api/Employees
- GET /api/Employees/{id}
- PUT /api/Employees/{id}

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Search

SQLQuery2.sql - LAPTOP-N8306ABM.Phase2_end_Project (LAPTOP-N8306ABM\yaram (67)) - Microsoft SQL Server Management Studio

Object Explorer

SQLQuery2.sql - L...306ABM\yaram (67) SQLQueryWebAPLs...06ABM\yaram (56) SQLQueryDisplaySt...06ABM\yaram (55)

```
CREATE TABLE Employee (
    EmpCode INT PRIMARY KEY,
    EmpName NVARCHAR(50) NOT NULL,
    Email NVARCHAR(100) NOT NULL,
    DateOfBirth DATETIME NOT NULL,
    Department_Code INT,
    FOREIGN KEY (Department_Code) REFERENCES Department(DeptCode)
)
INSERT INTO Employee (EmpCode, EmpName, Email, DateOfBirth, Department_Code)
VALUES
(1, 'Sundan', 'sundan@gmail.com', '1999-05-25', 1),
(2, 'Sandeep', 'sandeep@gmail.com', '1998-11-11', 2),
(3, 'Shashank', 'shashank@gmail.com', '1985-08-25', 3),
(4, 'Tharun', 'tharun@example.com', '2002-09-02', 4)
```

100 %

Results Messages

DeptCode	DeptName
1	Hotel management
2	Digital Marketing
3	stocks
4	IT

EmpCode	EmpName	Email	DateOfBirth	Department_Code
1	Sunder	sunder@gmail.com	1999-05-25 00:00:00.000	1
2	Sandeep	sandeep@gmail.com	1998-11-11 00:00:00.000	2
3	Shashank	shashank@gmail.com	1985-08-25 00:00:00.000	3
4	Tharun	tharun@example.com	2002-09-02 00:00:00.000	4

Query executed successfully.

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LAPTOP-N8306ABM (16.0 RTM) LAPTOP-N8306ABM\yaram ... Phase2_end_Project 00:00:00 8 rows

Ready

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Search

Swagger UI

localhost:7194/api/Employees

localhost:7194/swagger/index.html

```
{
  "empCode": 5,
  "empName": "Radha",
  "email": "Radha@gmail.com",
  "dateOfBirth": "2023-09-07T07:24:36.485Z",
  "departmentCode": 4,
  "departmentCodeNavigation": {
    "deptCode": 0,
    "deptName": "string",
    "employees": [
      "string"
    ]
  }
}
```

Execute Clear

Responses

Curl

```
curl -X 'POST' \
  'https://localhost:7194/api/Employees' \
  -H 'accept: text/plain' \
  -H 'Content-Type: application/json' \
  -d '{
    "empCode": 5,
    "empName": "Radha",
    "email": "Radha@gmail.com",
    "dateOfBirth": "2023-09-07T07:24:36.485Z",
    "departmentCode": 4,
    "departmentCodeNavigation": {
      "deptCode": 0,
      "deptName": "string",
      "employees": [
        "string"
      ]
    }
  }'
```

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Swagger UI

localhost:7194/api/Employees

+

localhost:7194/api/Employees

```
[{"empCode":1,"empName":"Sundar","email":"sundar@gmail.com","dateOfBirth":"1999-05-25T00:00:00","departmentCode":1,"departmentCodeNavigation":null}, {"empCode":2,"empName":"Sundeeep","email":"sundeeep@gmail.com","dateOfBirth":"1998-11-11T00:00:00","departmentCode":2,"departmentCodeNavigation":null}, {"empCode":3,"empName":"Shashank","email":"shashank@gmail.com","dateOfBirth":"1985-08-25T00:00:00","departmentCode":3,"departmentCodeNavigation":null}, {"empCode":4,"empName":"Tharun","email":"tharun@example.com","dateOfBirth":"2002-09-02T00:00:00","departmentCode":4,"departmentCodeNavigation":null}, {"empCode":5,"empName":"Radha","email":"Radha@example.com","dateOfBirth":"2003-07-12T00:00:00","departmentCode":4,"departmentCodeNavigation":null}]
```

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Swagger UI

localhost:7194/api/Employees

localhost:7194/api/Departments

+

localhost:7194/api/Departments

```
[{"deptCode":1,"deptName":"Hotel management","employees":[]}, {"deptCode":2,"deptName":"Digital Marketing","employees":[]}, {"deptCode":3,"deptName":"stocks","employees":[]}, {"deptCode":4,"deptName":"IT","employees":[]}]
```

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