

Github Repo : - [mohit-dotnet-pune/Task\\_2: WEB API + Console App CRUD Application using Repository Pattern and EF core](https://github.com/mohit-dotnet-pune/Task_2: WEB API + Console App CRUD Application using Repository Pattern and EF core)

Console App Output:-

```
C:\Users\Mohit.Bagul\source\ >
Menu:
1. Get All Employees
2. Get Employee By ID
3. Add Employee
4. Update Employee
5. Delete Employee
6. Update Employee Email
7. Exit
8. Get Employees By Department
Enter your choice: 4
Enter Employee ID: 3
Enter New Name: Himanshu
Enter New Department: Python
Enter New Mobile No: 4534235667
Enter New Email: hm@gmail.com
{"id":3,"name":"Himanshu","department":"Python","mobileNo":"4534235667","email":"hm@gmail.com"}

Menu:
1. Get All Employees
2. Get Employee By ID
3. Add Employee
4. Update Employee
5. Delete Employee
6. Update Employee Email
7. Exit
8. Get Employees By Department
Enter your choice: 5
Enter Employee ID: 2

Menu:
1. Get All Employees
2. Get Employee By ID
3. Add Employee
4. Update Employee
5. Delete Employee
6. Update Employee Email
7. Exit
8. Get Employees By Department
Enter your choice: 6
Enter Employee ID: 1
Enter New Email: ganesh@gmail.com

Activate Windows
Go to Settings to activate Windows.
```

```
C:\Users\Mohit.Bagul\source\ >
Menu:
1. Get All Employees
2. Get Employee By ID
3. Add Employee
4. Update Employee
5. Delete Employee
6. Update Employee Email
7. Exit
8. Get Employees By Department
Enter your choice: 8
Enter Department Name: IT
Employees in IT Department:
[]

Menu:
1. Get All Employees
2. Get Employee By ID
3. Add Employee
4. Update Employee
5. Delete Employee
6. Update Employee Email
7. Exit
8. Get Employees By Department
Enter your choice: 1
[{"id":1,"name":"Vaibhav","department":"HR","mobileNo":"9876543210","email":"ganesh@gmail.com"}, {"id":3,"name":"Himanshu","department":"Python","mobileNo":"4534235667","email":"hm@gmail.com"}]

Menu:
1. Get All Employees
2. Get Employee By ID
3. Add Employee
4. Update Employee
5. Delete Employee
6. Update Employee Email
7. Exit
8. Get Employees By Department
Enter your choice: 8
Enter Department Name: HR
Employees in HR Department:
[{"id":1,"name":"Vaibhav","department":"HR","mobileNo":"9876543210","email":"ganesh@gmail.com"}]

Activate Windows
```

Swagger Outputs :-

Swagger UI

localhost:5277/swagger/index.html

Swagger  
Supported by SMARTBEAR

Select a definition Task\_2 v1

## Task\_2 <sup>1.0</sup> OAS 3.0

<http://localhost:5277/swagger/v1/swagger.json>

### Employee

- GET /api/Employee/{id}
- PUT /api/Employee/{id}
- DELETE /api/Employee/{id}
- GET /api/Employee
- POST /api/Employee
- GET /api/Employee/byDept/{dept}
- PATCH /api/Employee/{id}/email

### GET /api/Employee

Parameters

No parameters

Execute Clear

Responses

Curl

```
curl -X 'GET' \
  'http://localhost:5277/api/Employee' \
  -H 'accept: */*'
```

Request URL

<http://localhost:5277/api/Employee>

Server response

Code	Details
200	<p>Response body</p> <pre>{   "id": 1,   "name": "Vaibhav",   "department": "HR",   "mobileNo": "9876543210",   "email": "ganesht@gmail.com" }, {   "id": 2,   "name": "Himanshu",   "department": "Python",   "mobileNo": "4534235667",   "email": "hu@gmail.com" } }</pre>

Download

DELETE

/api/Employee/{id}

Cancel

Parameters

Name	Description
id * required	
integer(\$int32)	3
(path)	

ExecuteClear

Responses

Curl

curl -X 'DELETE' \n'http://localhost:5277/api/Employee/3' \n-H 'accept: \*/\*'

Request URL

http://localhost:5277/api/Employee/3

Server response

Code	Details
204	
Undocumented	Response headers
	date: Wed, 08 Oct 2025 12:03:32 GMT\nserver: Kestrel

Responses

Code	Description
------	-------------

Links

PUT

/api/Employee/{id}

Cancel

Reset

Parameters

Name	Description
id * required	
integer(\$int32)	4
(path)	

Request body

application/json

{\n "id": 4,\n "name": "string",\n "department": "string",\n "mobileNo": "4201668339",\n "email": "user@example.com"\n}

ExecuteClear

POST

/api/Employee

⌵

Parameters

Cancel

Reset

No parameters

Request body

application/json

{  
 "id": 3,  
 "name": "Ilan",  
 "department": "Devops",  
 "mobileNo": "4599855722",  
 "email": "ilan@gmail.com"  
}

Execute

Clear

Responses

Curl

curl -X 'POST' \  
 'http://localhost:5277/api/Employee' \  
 -H 'accept: \*/\*' \  
 -H 'Content-Type: application/json' \  
 -d '{  
 "id": 3,  
 "name": "Ilan",  
 "department": "Devops",  
 "mobileNo": "4599855722",  
 "email": "ilan@gmail.com"  
 }'

Activate Windows  
Go to Settings to activate Windows