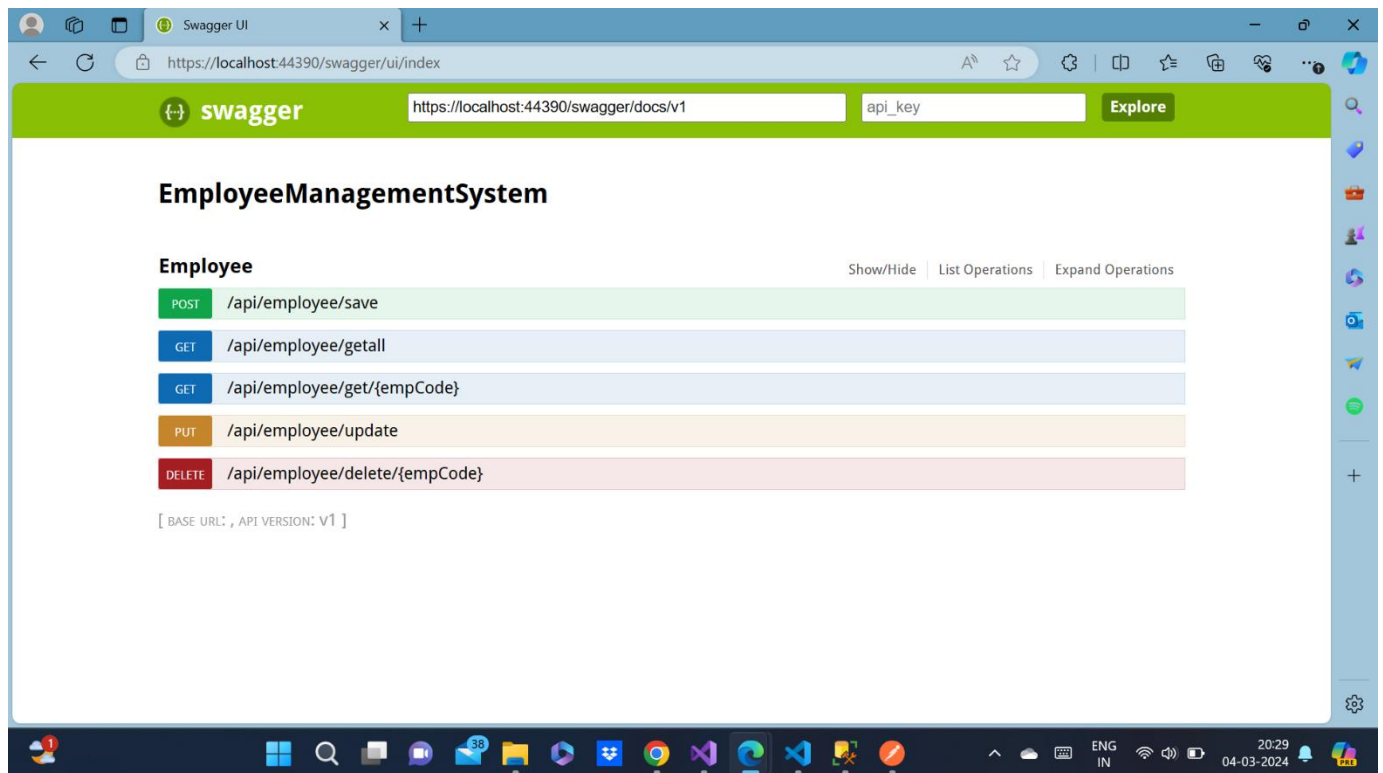
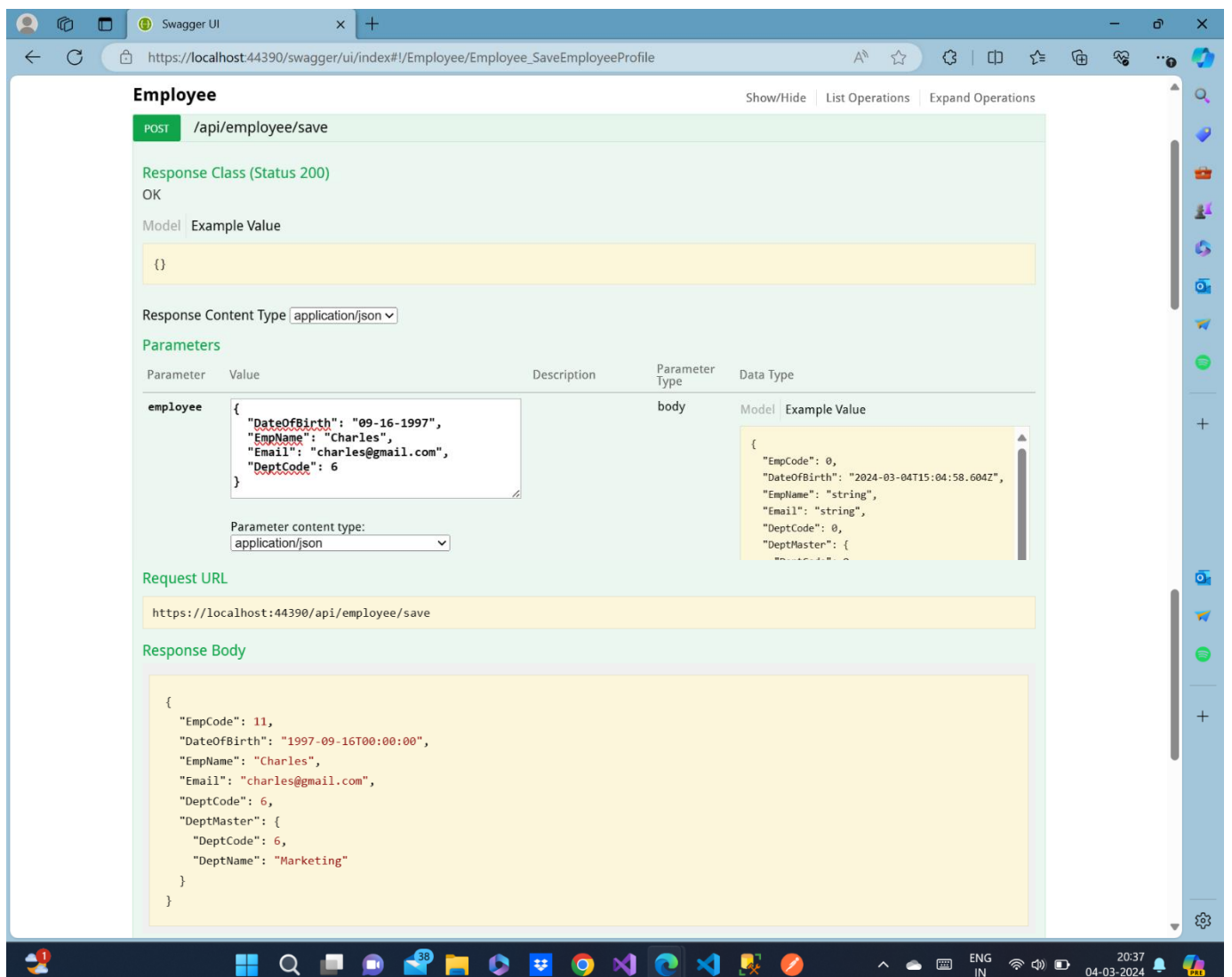


Used Swagger to test this application.



Method: POST – for Saving Employee details.



Method: GET – for Getting All Employee Details.

Swagger UI interface showing the GET /api/employee/getall endpoint.

**GET /api/employee/getall**

Response Class (Status 200)  
OK

Model Example Value

```
{}
```

Response Content Type

Try it out! [Hide Response](#)

Curl

```
curl -X GET --header 'Accept: application/json' 'https://localhost:44390/api/employee/getall'
```

Request URL

```
https://localhost:44390/api/employee/getall
```

Response Body

```
[
  {
    "DeptMaster": {
      "DeptCode": 2,
      "DeptName": "IT"
    },
    "EmpCode": 7,
    "DateOfBirth": "2000-04-11T00:00:00",
    "EmpName": "Sam",
    "Email": "sam@gmail.com",
    "DeptCode": 2
  },
  {
    "DeptMaster": {
      "DeptCode": 3,
      "DeptName": "Sales"
    },
    "EmpCode": 8,
    "DateOfBirth": "1995-09-11T00:00:00",
    "EmpName": "Taylor",
    "Email": "tay@gmail.com",
    "DeptCode": 3
  },
  {
    "DeptMaster": {
      "DeptCode": 6,
      "DeptName": "Marketing"
    },
    "EmpCode": 9,
    "DateOfBirth": "1999-02-12T00:00:00",
    "EmpName": "John",
    "Email": "john@gmail.com",
    "DeptCode": 6
  },
  {
    "DeptMaster": {
      "DeptCode": 6,
      "DeptName": "Marketing"
    },
    "EmpCode": 11,
    "DateOfBirth": "1997-09-16T00:00:00",
    "EmpName": "Charles",
    "Email": "charles@gmail.com",
    "DeptCode": 6
  }
]
```

Response Code

```
200
```

Response Headers

```
{
  "cache-control": "no-cache",
  "content-length": "620",
}
```

Method: GET – for Getting Employee by Code.

The image shows the Swagger UI for an API. The endpoint `/api/employee/get/{empCode}` is selected. The response class is `Status 200 OK`. The response content type is `application/json`. The parameters table shows a path parameter `empCode` with a value of `11` and a data type of `integer`. The curl command is `curl -X GET --header 'Accept: application/json' 'https://localhost:44390/api/employee/get/11'`. The request URL is `https://localhost:44390/api/employee/get/11`. The response body is a JSON object:

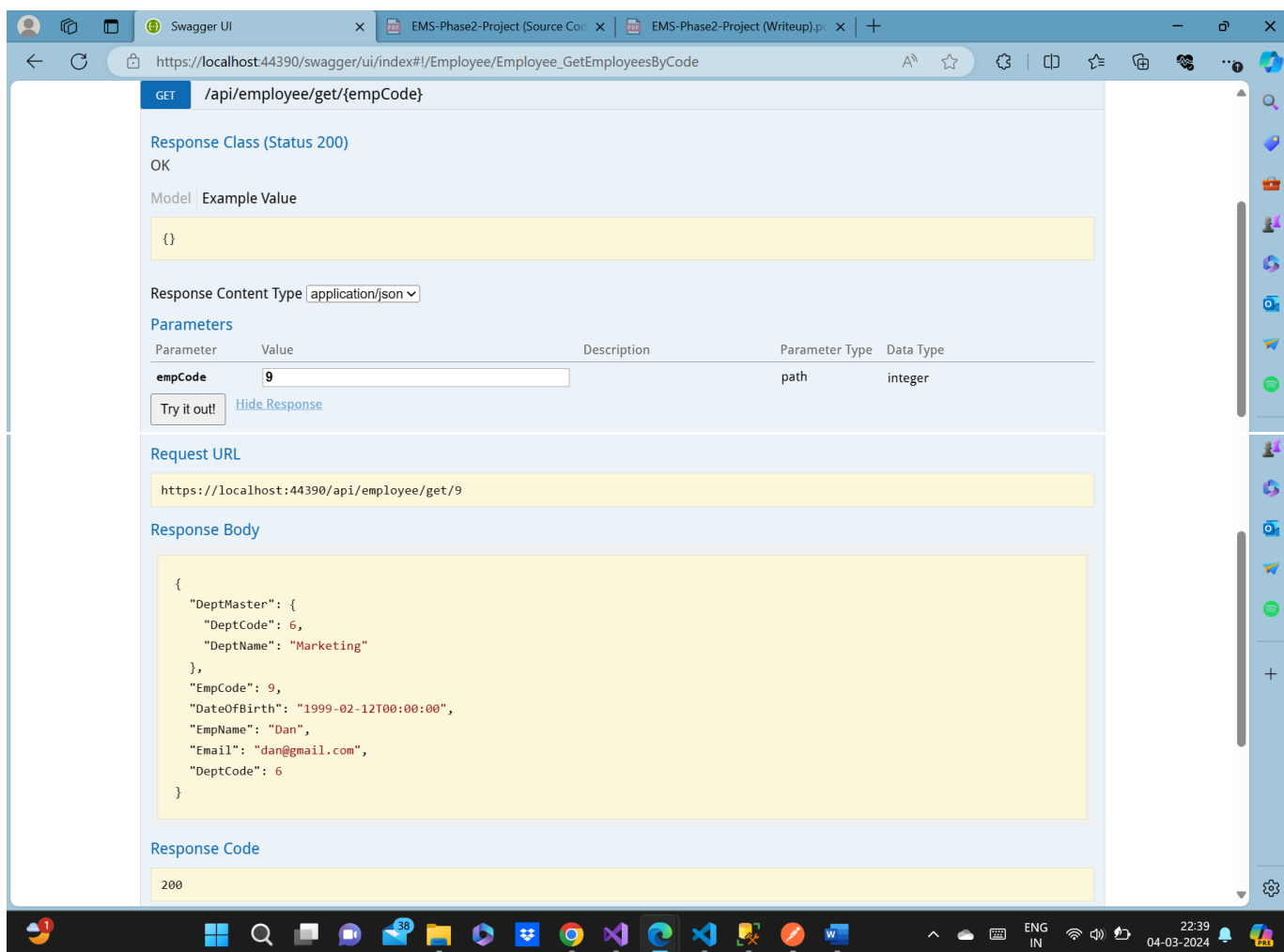
```
{  "DeptMaster": {    "DeptCode": 6,    "DeptName": "Marketing"  },  "EmpCode": 11,  "DateOfBirth": "1997-09-16T00:00:00",  "EmpName": "Charles",  "Email": "charles@gmail.com",  "DeptCode": 6}
```

Method: PUT – for Updating Employee Details.

The image shows the Swagger UI for an API. The endpoint `/api/employee/update` is selected. The response class is `Status 200 OK`. The response content type is `application/json`. The parameters table shows a body parameter `employee` with a value of `{ "EmpCode": 9, "EmpName": "Dan", "Email": "dan@gmail.com" }` and a data type of `Model`. The parameter content type is `application/json`. The response body is a JSON object:

```
{  "EmpCode": 0,  "DateOfBirth": "2024-03-04T17:03:42.099Z",  "EmpName": "string",  "Email": "string",  "DeptCode": 0,  "DeptMaster": {    "DeptCode": 0,
```

## Checking the Updated Employee profile



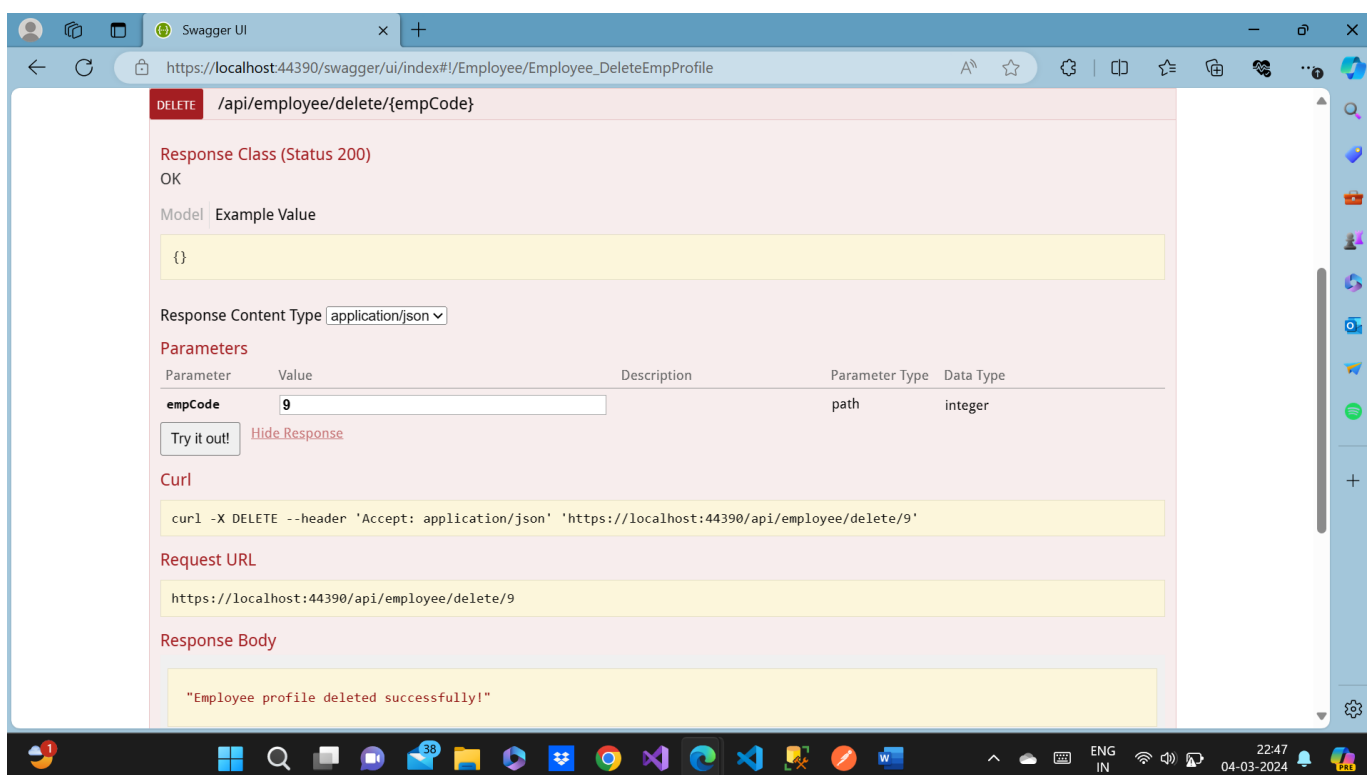
Swagger UI interface showing the GET endpoint `/api/employee/get/{empCode}`. The response class is `Status 200` with an `OK` status. The response content type is `application/json`. The parameters table shows `empCode` as a path parameter of type `integer` with a value of `9`. The request URL is `https://localhost:44390/api/employee/get/9`. The response body is a JSON object representing an employee profile.

Parameter	Value	Description	Parameter Type	Data Type
<code>empCode</code>	<code>9</code>		<code>path</code>	<code>integer</code>

```
{
  "DeptMaster": {
    "DeptCode": 6,
    "DeptName": "Marketing"
  },
  "EmpCode": 9,
  "DateOfBirth": "1999-02-12T00:00:00",
  "EmpName": "Dan",
  "Email": "dan@gmail.com",
  "DeptCode": 6
}
```

Response Code: `200`

## Method: DELETE – for Deleting Employee Details



Swagger UI interface showing the DELETE endpoint `/api/employee/delete/{empCode}`. The response class is `Status 200` with an `OK` status. The response content type is `application/json`. The parameters table shows `empCode` as a path parameter of type `integer` with a value of `9`. The request URL is `https://localhost:44390/api/employee/delete/9`. The response body is a string message: `"Employee profile deleted successfully!"`.

Parameter	Value	Description	Parameter Type	Data Type
<code>empCode</code>	<code>9</code>		<code>path</code>	<code>integer</code>

Curl: `curl -X DELETE --header 'Accept: application/json' 'https://localhost:44390/api/employee/delete/9'`

Request URL: `https://localhost:44390/api/employee/delete/9`

Response Body: `"Employee profile deleted successfully!"`

Checking the Deleted Employee profile

Swagger UI

https://localhost:44390/swagger/ui/index#/Employee/Employee\_GetEmployeesByCode

GET

/api/employee/get/{empCode}

Response Class (Status 200)

OK

Model

Example Value

{}

Response Content Type

application/json

Parameters

Parameter	Value	Description	Parameter Type	Data Type
empCode	9		path	integer

Try it out!

Hide Response

Curl

curl -X GET --header 'Accept: application/json' 'https://localhost:44390/api/employee/get/9'

Request URL

https://localhost:44390/api/employee/get/9

Response Body

"Employee not found!"

1

Windows icons

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04-03-2024