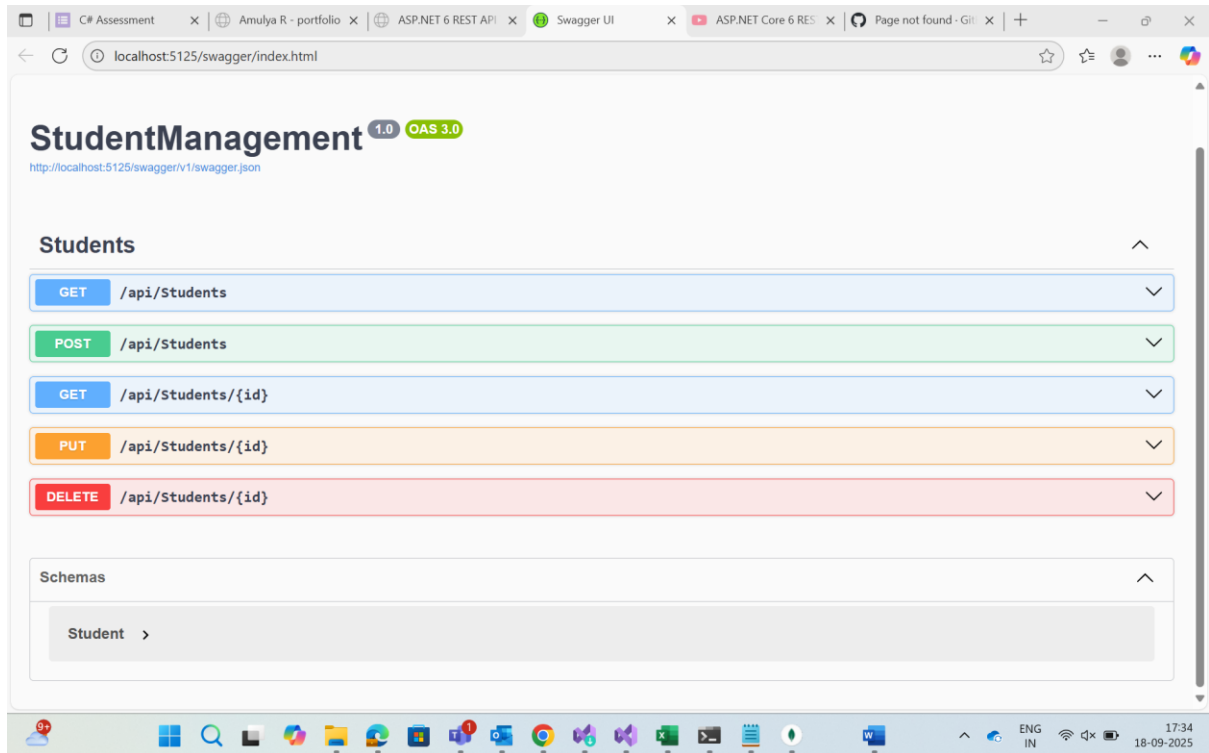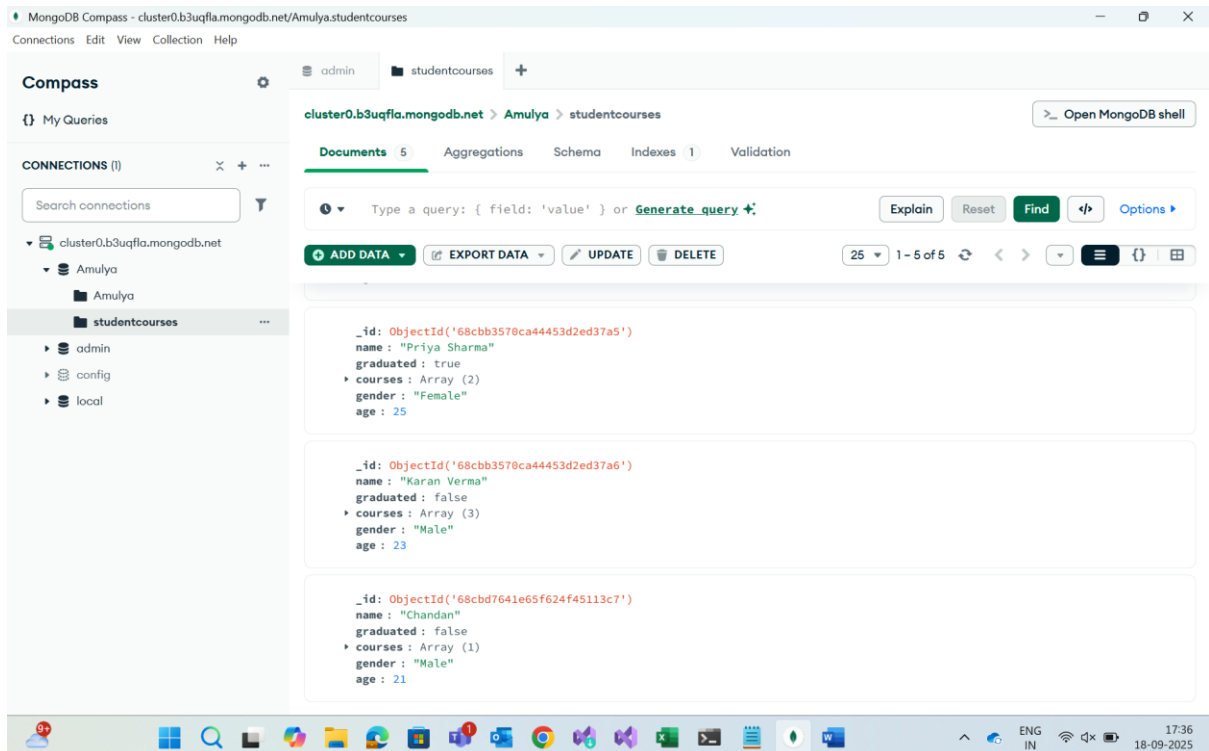# ASP.NET Core REST API with MongoDB
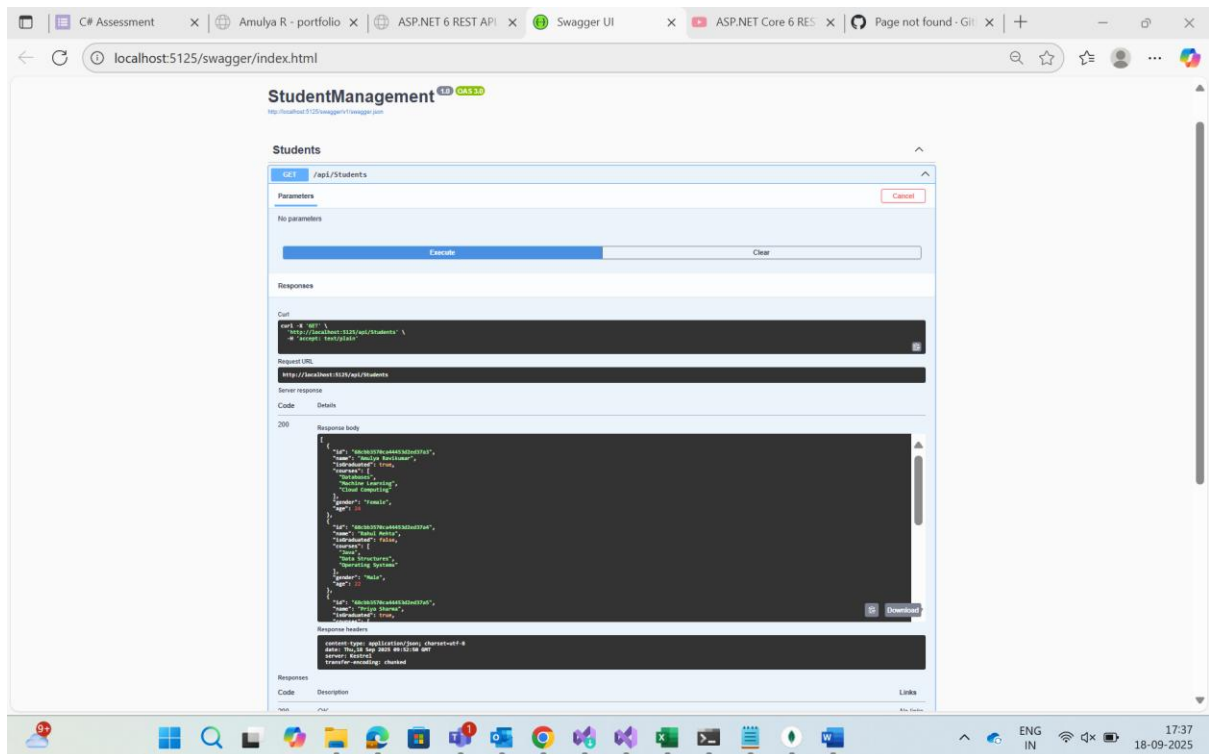
Outputs:
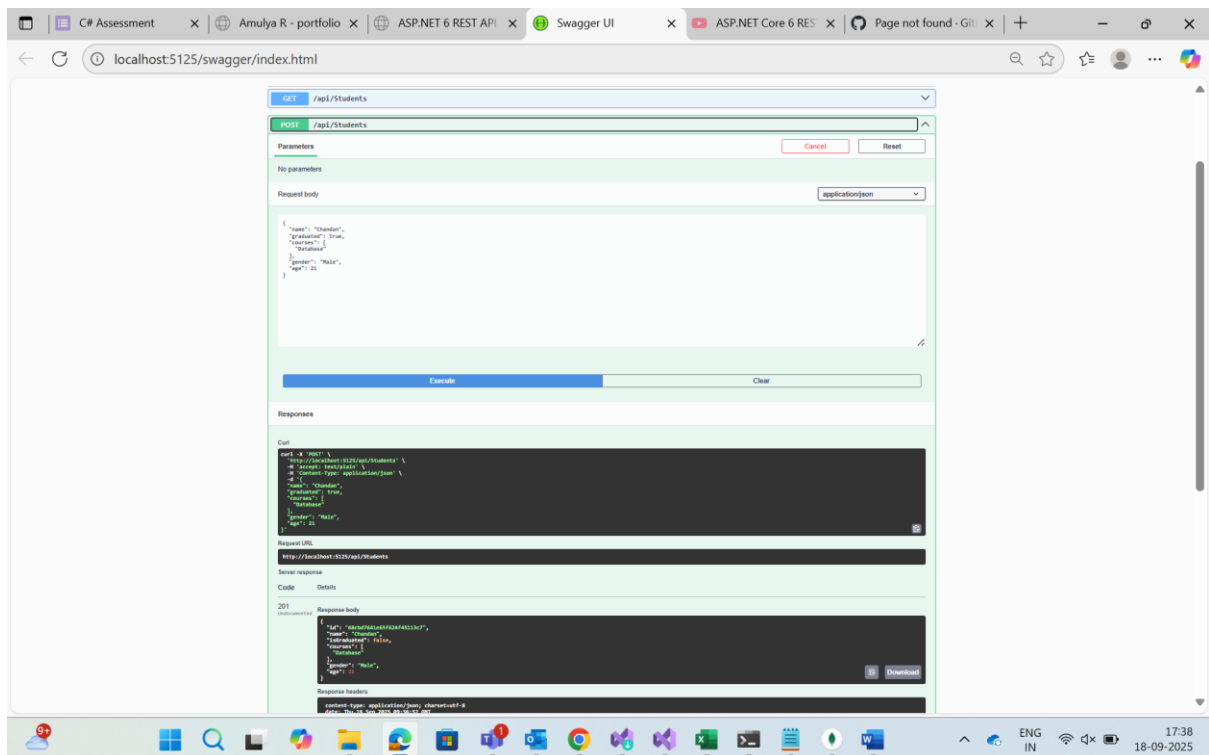

Swagger UI Screen
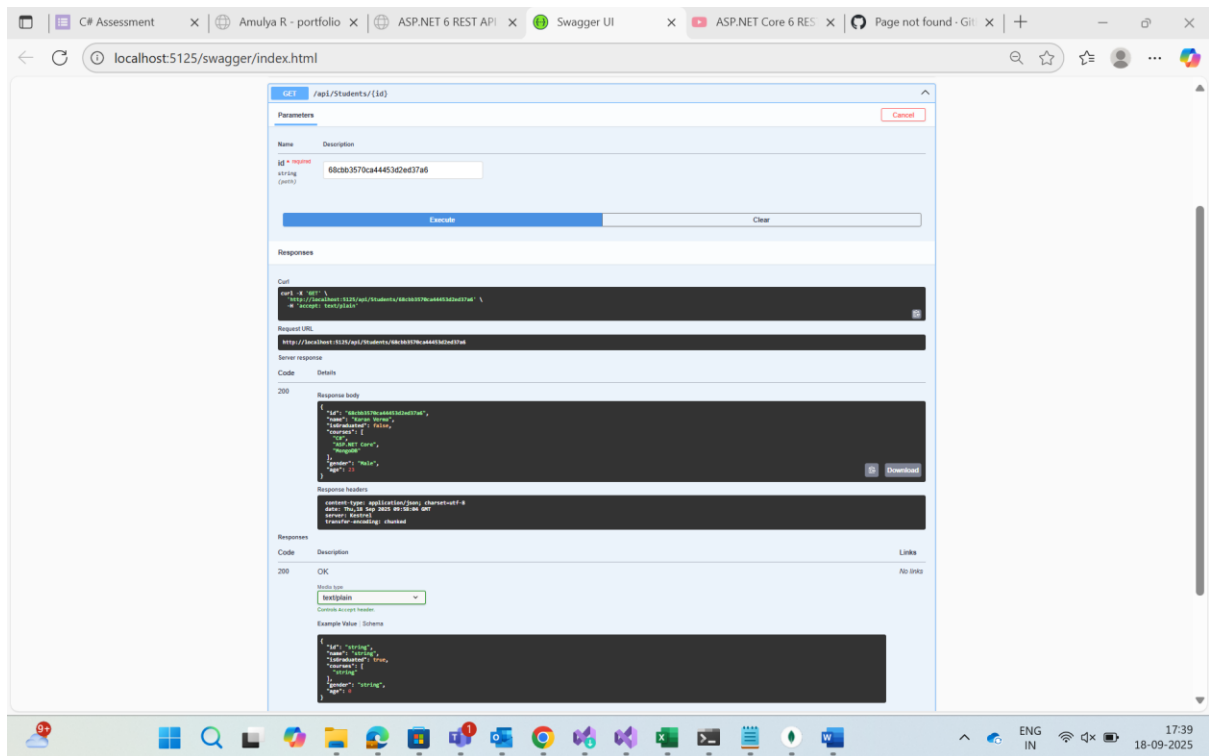

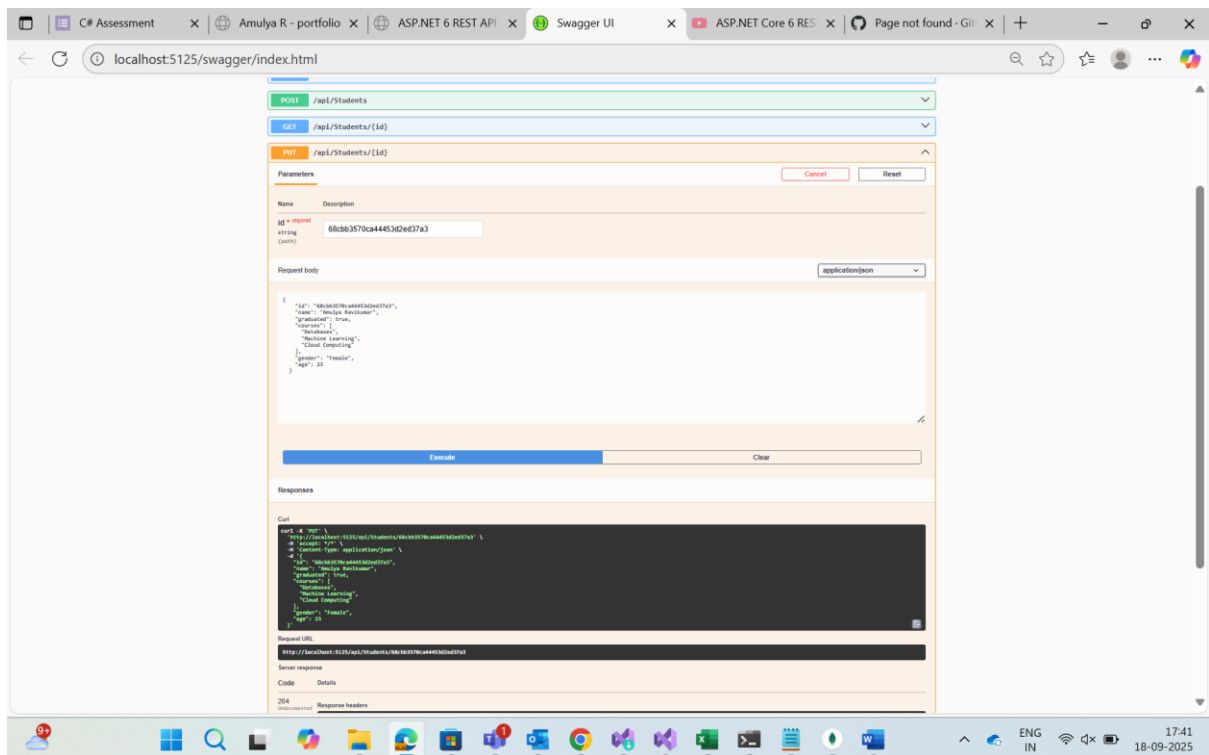MongoDB Compass UI

StudentManagement

Students

GET /api/Students

Parameters

No parameters

Execute   Clear

Responses

Curl

curl -X 'GET' \
  'http://localhost:5125/api/Students' \
  -H 'accept: text/plain'

Request URL

http://localhost:5125/api/Students

Server response

Code   Details

200

Response body

```
[
  {
    "id": "68cbb35f8ca4465 b2ed37a3",
    "name": "Amulya Ravikumar",
    "isGraduated": true,
    "courses": [
      "Database",
      "Machine Learning",
      "Cloud Computing"
    ],
    "gender": "Female",
    "age": 24
  },
  {
    "id": "68cbb35f8ca4465 b2ed37a4",
    "name": "Rahul Mehta",
    "isGraduated": false,
    "courses": [
      "Java",
      "Data Structures",
      "Operating Systems"
    ],
    "gender": "Male",
    "age": 22
  },
  {
    "id": "68cbb35f8ca4465 b2ed37a5",
    "name": "Priya Sharma",
    "isGraduated": true,
    ...
```

Response headers

content-type: application/json; charset=utf-8
date: Thu,18 Sep 2025 09:52:50 GMT
server: Kestrel
transfer-encoding: chunked

Responses

Code   Description   Links

GET Method Without Specifying ID

GET /api/Students

POST /api/Students

Parameters   Cancel   Reset

No parameters

Request body   application/json

```
{
  "name": "Chandan",
  "graduated": true,
  "courses": [
    "Database"
  ],
  "gender": "Male",
  "age": 21
}
```

Execute   Clear

Responses

Curl

curl -X 'POST' \
  'http://localhost:5125/api/Students' \
  -H 'accept: text/plain' \
  -H 'Content-Type: application/json' \
  -d '{
  "name": "Chandan",
  "graduated": true,
  "courses": [
    "Database"
  ],
  "gender": "Male",
  "age": 21
}'

Request URL

http://localhost:5125/api/Students

Server response

Code   Details

201
Undocumented

Response body

```
{
  "id": "68cbd76a1eebf62ef45113c7",
  "name": "Chandan",
  "isGraduated": false,
  "courses": [
    "Database"
  ],
  "gender": "Male",
  "age": 21
}
```

Response headers

content-type: application/json; charset=utf-8
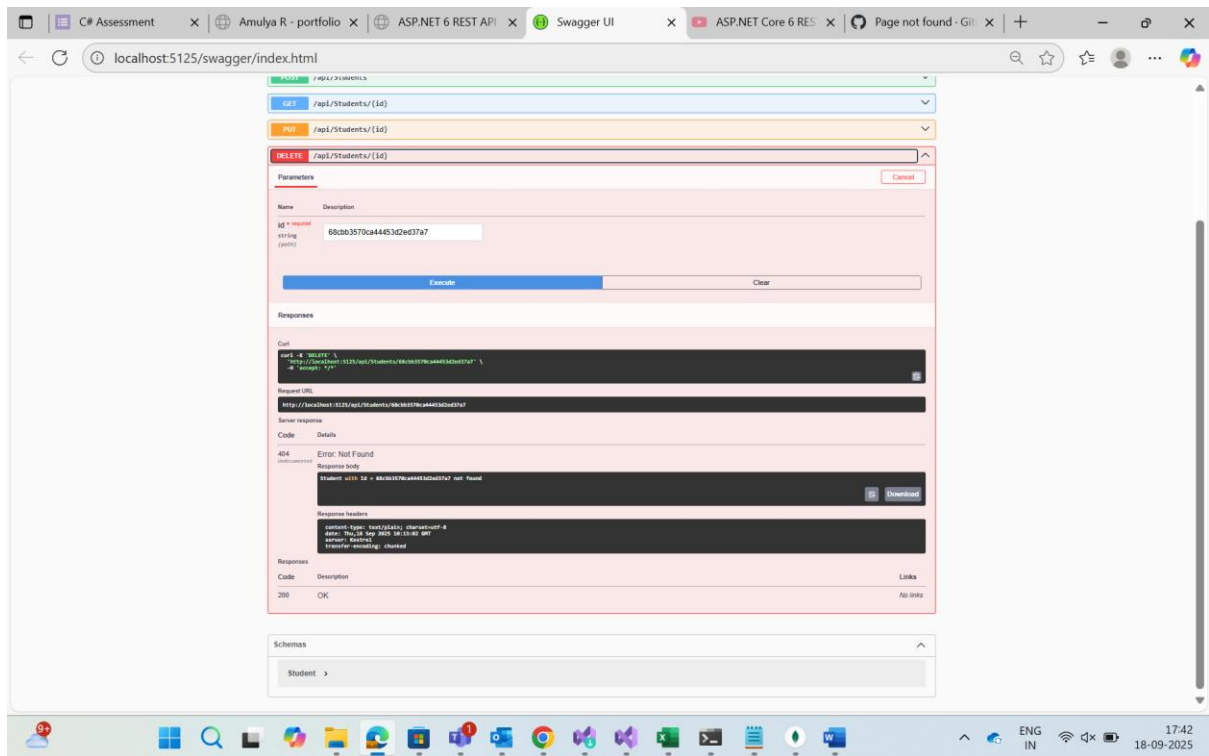date: Thu,18 Sep 2025 09:56:57 GMT

POST Method – Adding Student Data

GET Method Using ID – Displays Details of Specified ID of Student

PUT Method – Changed Age of specified Student

localhost:5125/swagger/index.html

GET /api/Students/{id}

PUT /api/Students/{id}

DELETE /api/Students/{id}

Parameters
Cancel

Name   Description

id * required
string   68cbb3570ca44453d2ed37a7
(path)

Execute   Clear

Responses

Curl

```
curl -X 'DELETE' \
  'http://localhost:5125/api/Students/68cbb3570ca44453d2ed37a7' \
  -H 'accept: */*'
```

Request URL

```
http://localhost:5125/api/Students/68cbb3570ca44453d2ed37a7
```

Server response

Code   Details

404   Error: Not Found
Undocumented
        Response body
        Student with Id = 68cbb3570ca44453d2ed37a7 not found   Download

        Response headers
        content-type: text/plain; charset=utf-8
        date: Thu,18 Sep 2025 10:15:02 GMT
        server: Kestrel
        transfer-encoding: chunked

Responses

Code   Description   Links

200   OK   No links

Schemas

Student >

DELETE Method – deleted Student using ID