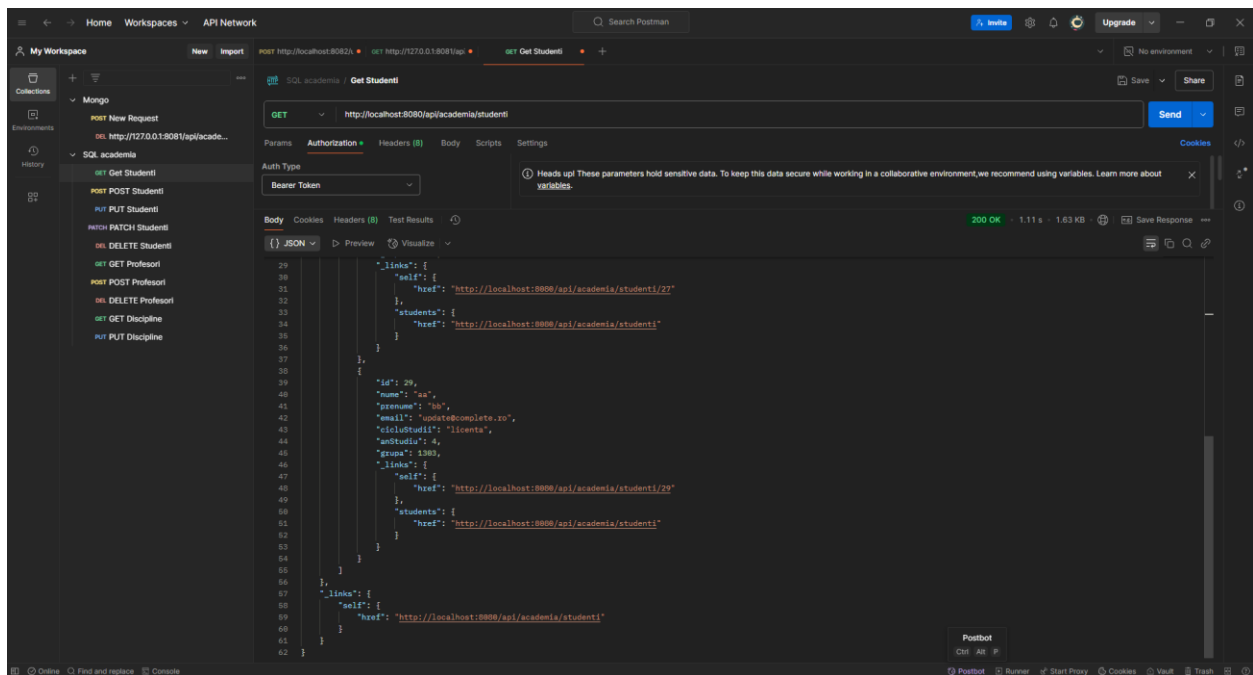
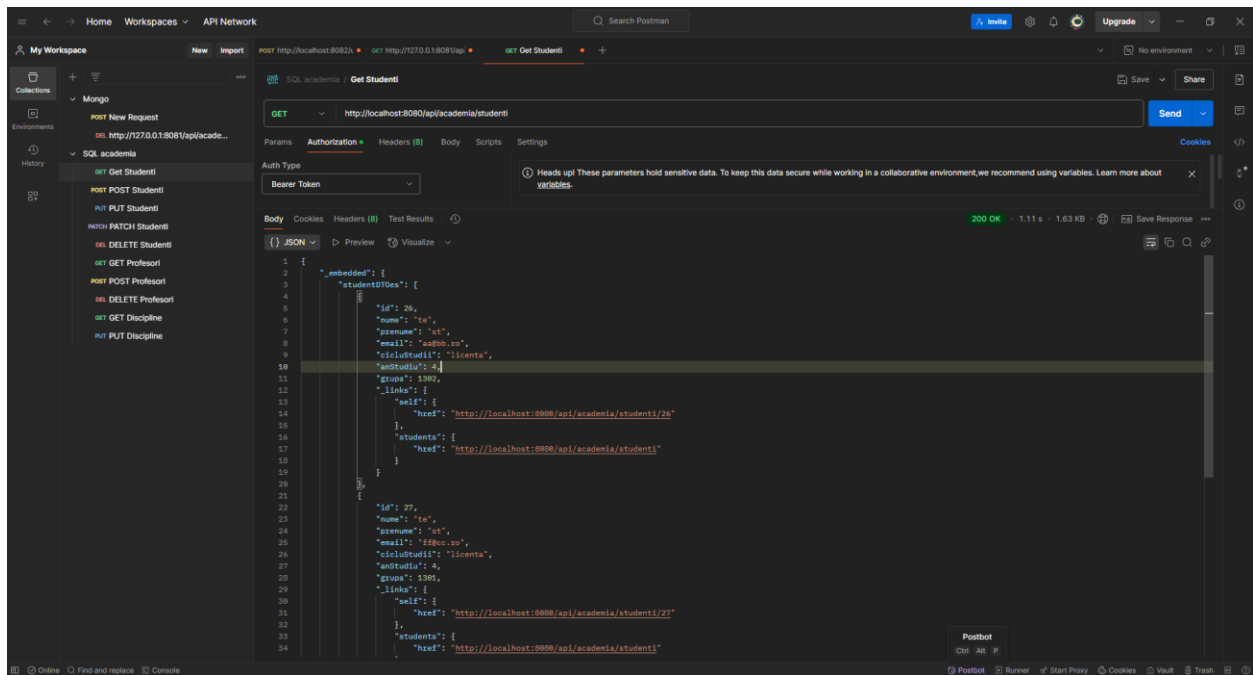
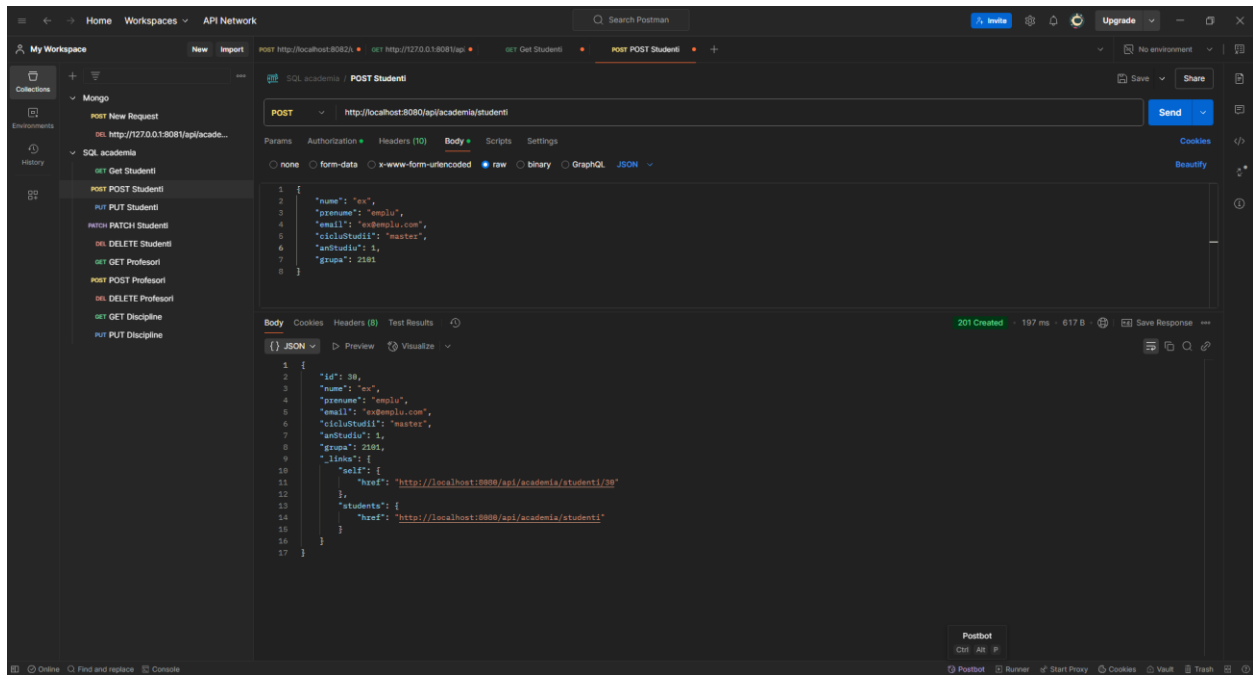


Laborator 2:

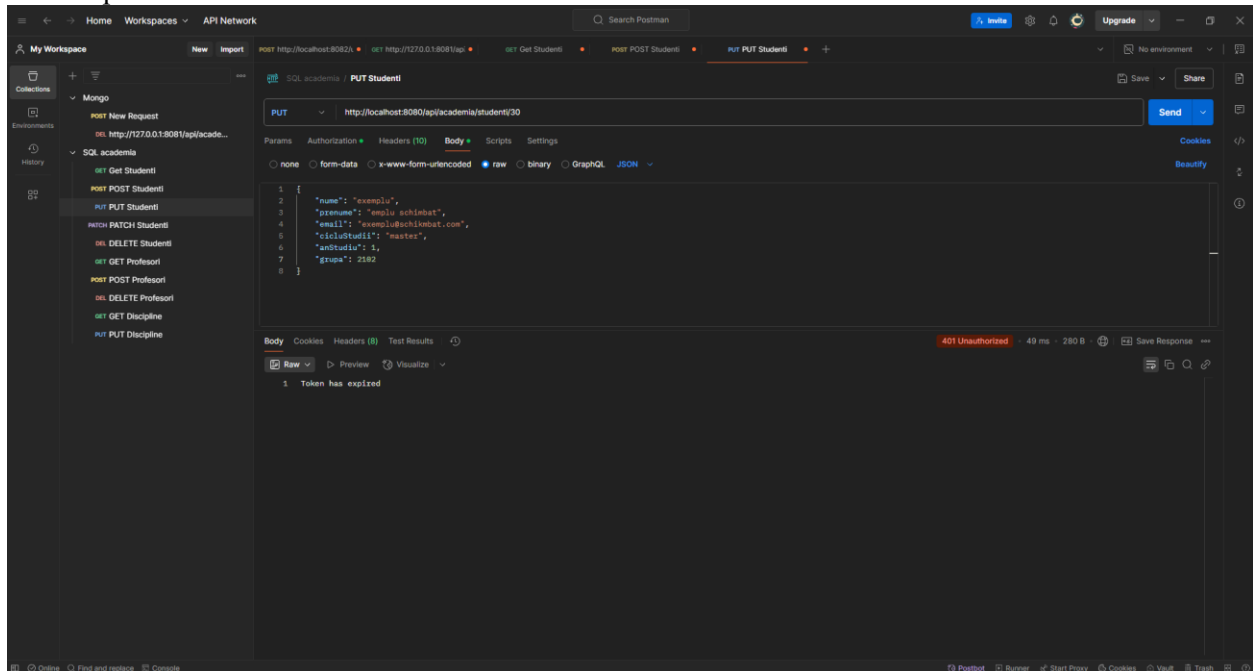
Get student



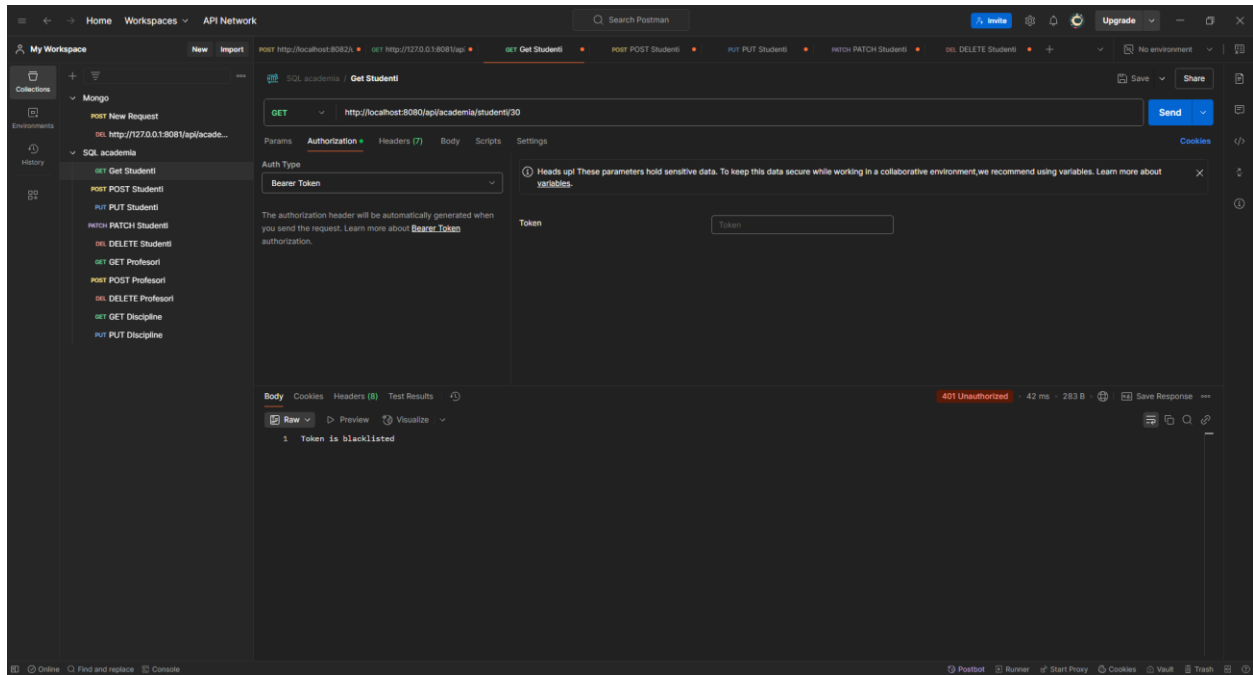
Post student



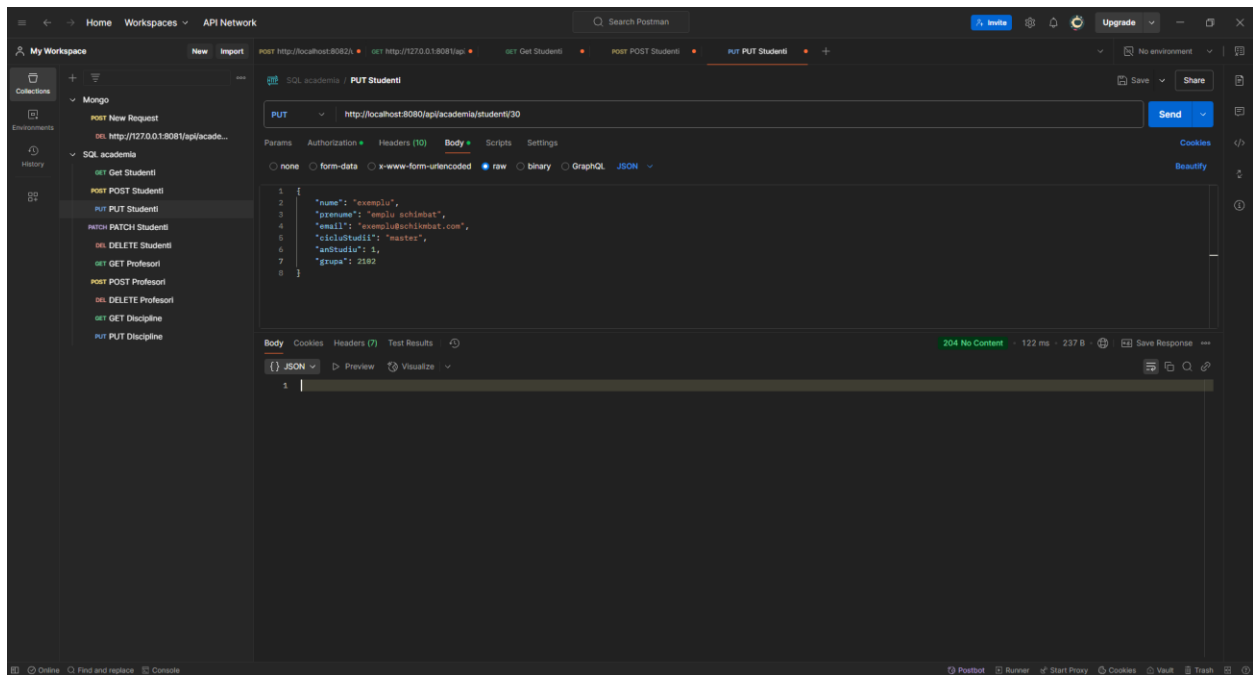
Mi-a expirat tokenul de 1h:



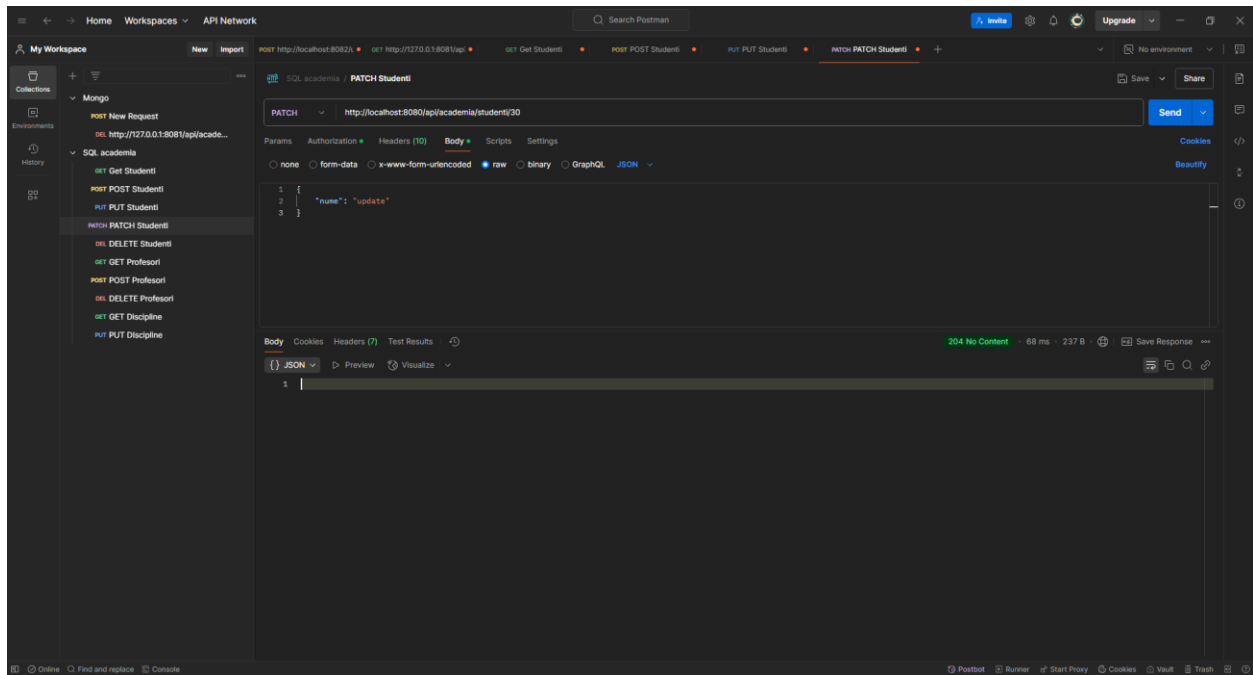
La a doua incercare e blacklisted:



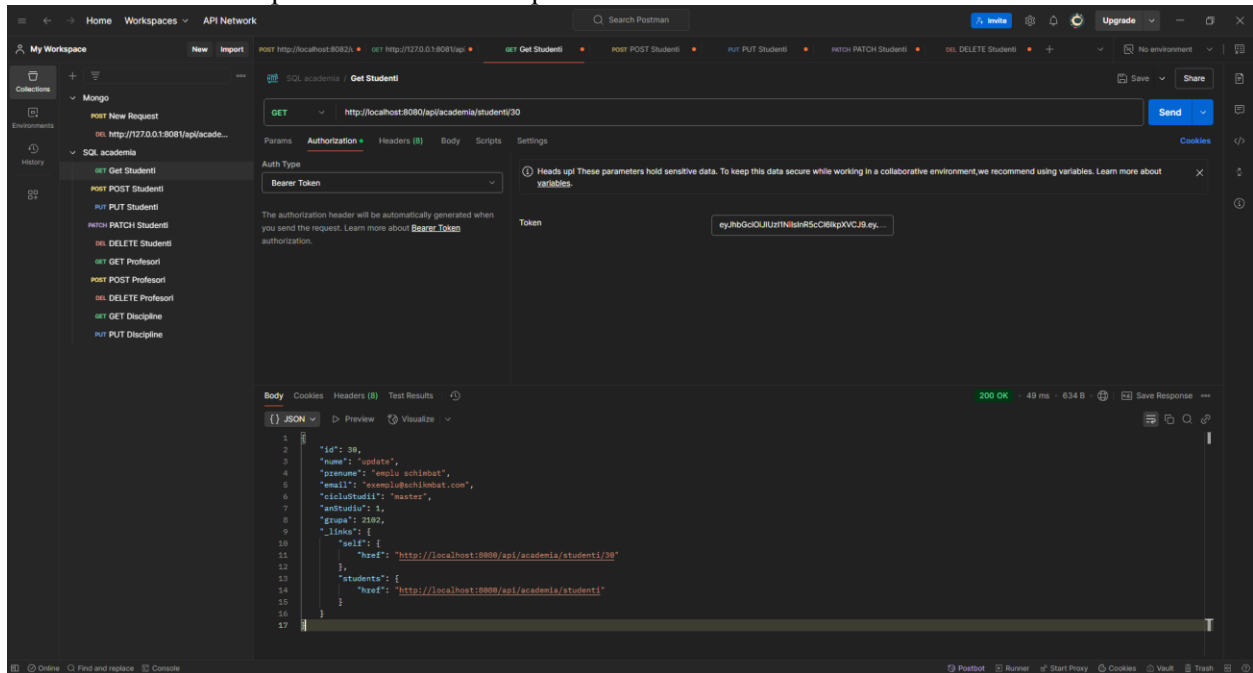
Put student



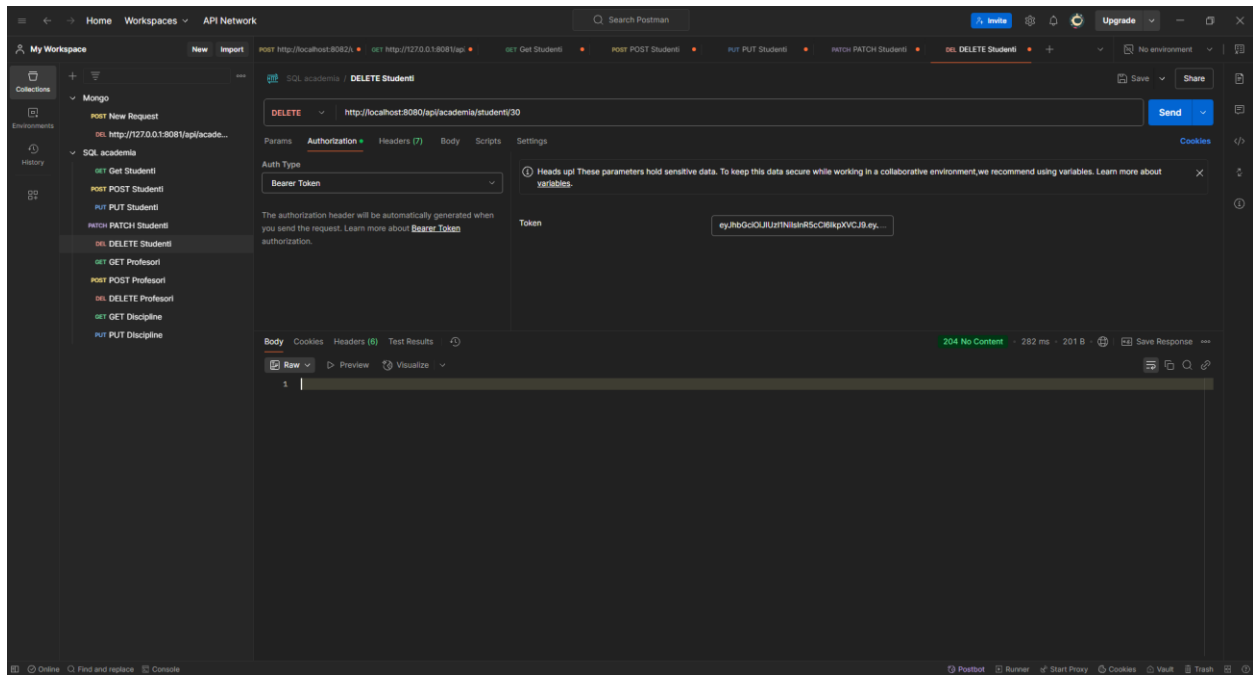
Patch student



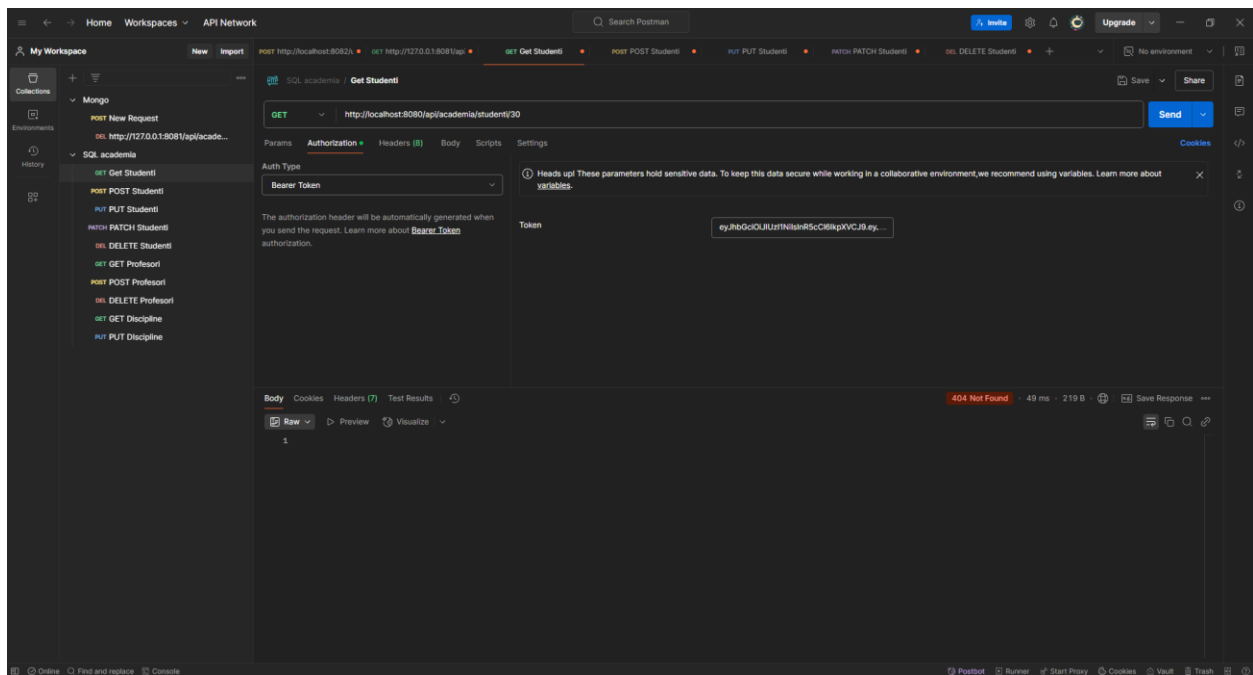
Demonstrare ca s-a updatat la ultimele 2 apeluri:



Delete student:

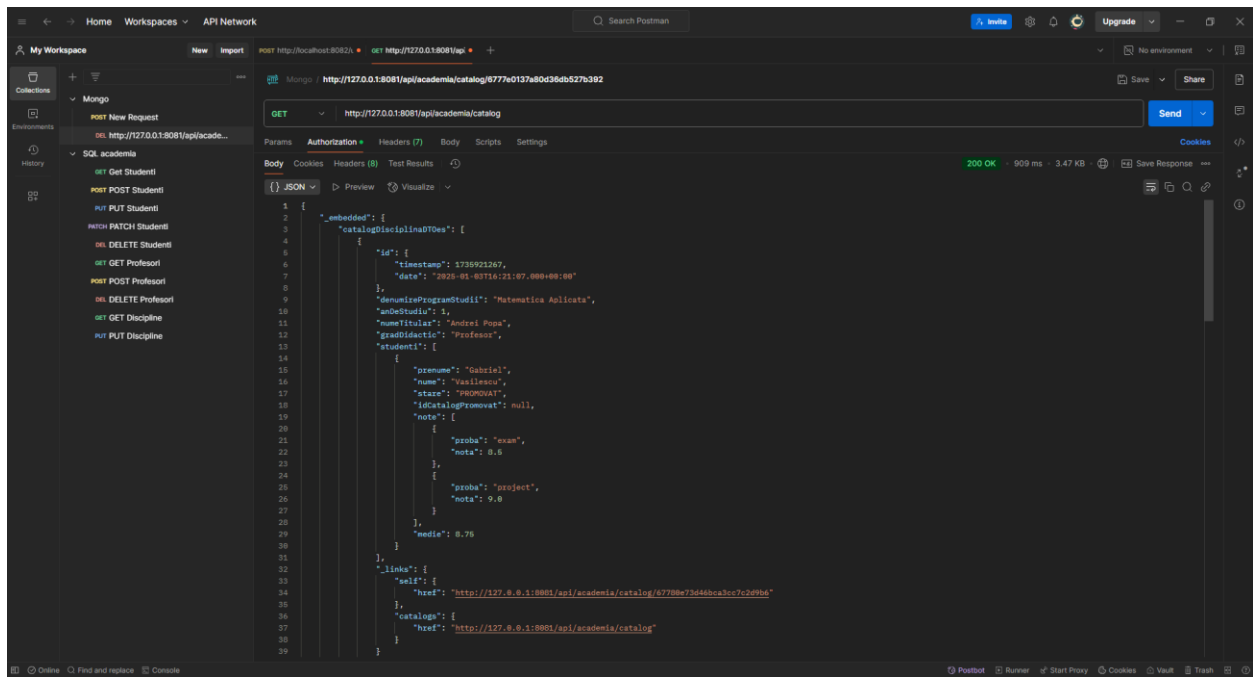


Dovada delete:



Laborator 3:

Get discipline



Home Workspaces API Network Search Postman

My Workspace New Import

POST http://localhost:8080/ GET http://127.0.0.1:8081/api/

Mongo

POST New Request

SQL academia

GET Studenti

POST POST Studenti

PUT PUT Studenti

PATCH PATCH Studenti

DELETE Studenti

GET Profesor

POST POST Profesor

DELETE Profesor

GET Discipline

PUT PUT Discipline

Params Authorization Headers (7) Body Scripts Settings

Body Cookies Headers (8) Test Results

JSON Preview Visualize

```
41 {
42   "id": {
43     "timestamp": 1719921267,
44     "data": "2023-01-03T16:21:07.880+08:00"
45   },
46   "denumireProgramStudii": "Fizica Teoretica",
47   "anDeStudiu": 3,
48   "numeTitular": "Maria Ionescu",
49   "gradDidactic": "Conf",
50   "studenti": [
51     {
52       "prenume": "Ion",
53       "nume": "Munteanu",
54       "stare": "RESPINS",
55       "idCatalogPromovat": null,
56       "note": [
57         {
58           "proba": "exam",
59           "nota": 3.0
60         },
61         {
62           "proba": "scuza",
63           "nota": 4.0
64         }
65       ],
66       "media": 3.5
67     },
68     {
69       "prenume": "Adriana",
70       "nume": "Constantin",
71       "stare": "PROMOVAT",
72       "idCatalogPromovat": null,
73       "note": [
74         {
75           "proba": "exam",
76           "nota": 9.0
77         },
78         {
79           "proba": "scuza"
80         }
81       ]
82     }
83   ]
84 }
```

200 OK · 909 ms · 3.47 KB Save Response

Online Find and replace Console

Home Workspaces API Network Search Postman

My Workspace New Import

POST http://localhost:8080/ GET http://127.0.0.1:8081/api/

Mongo

POST New Request

SQL academia

GET Studenti

POST POST Studenti

PUT PUT Studenti

PATCH PATCH Studenti

DELETE Studenti

GET Profesor

POST POST Profesor

DELETE Profesor

GET Discipline

PUT PUT Discipline

Params Authorization Headers (7) Body Scripts Settings

Body Cookies Headers (8) Test Results

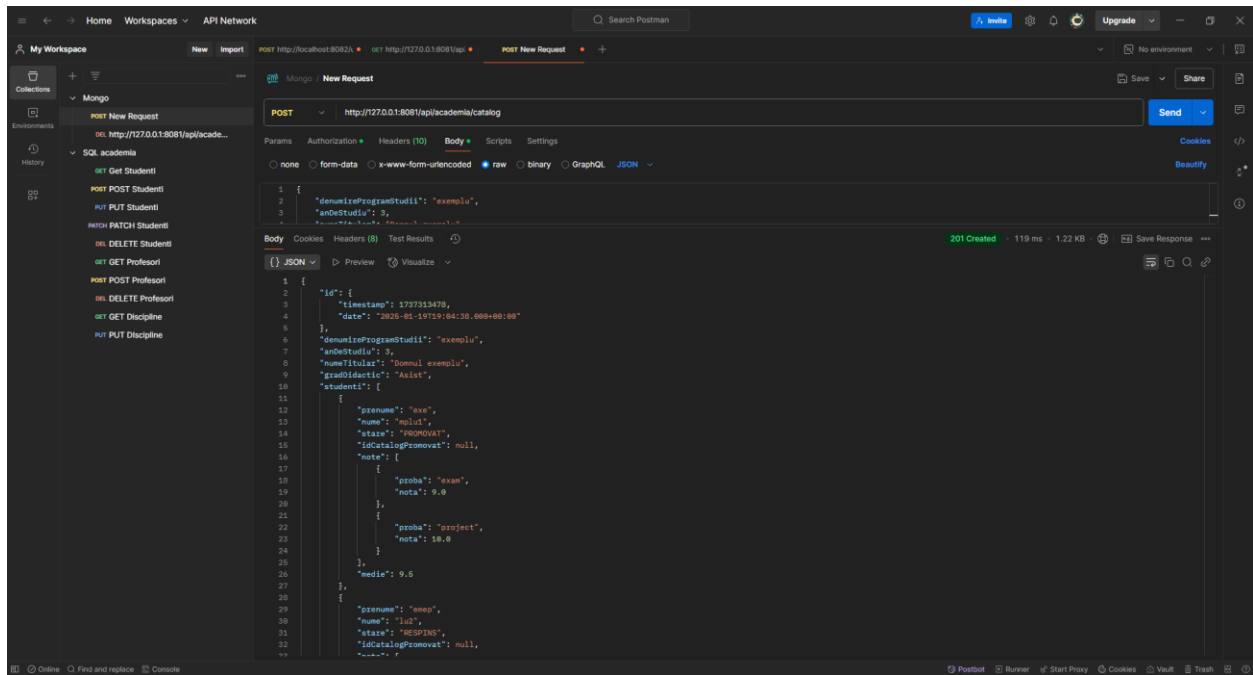
JSON Preview Visualize

```
109   "idCatalogPromovat": null,
110   "note": [
111     {
112       "proba": "exam",
113       "nota": 7.0
114     },
115     {
116       "proba": "proiect",
117       "nota": 0.0
118     }
119   ],
120   "media": 7.75
121 },
122 {
123   "prenume": "Mihaela",
124   "nume": "Stanciu",
125   "stare": "ABSENT",
126   "idCatalogPromovat": null,
127   "note": [],
128   "media": 0.0
129 },
130 ],
131 "_links": {
132   "self": {
133     "href": "http://127.0.0.1:8081/api/academia/catalog/6770b6730440cab3c762d906"
134   },
135   "catalogs": {
136     "href": "http://127.0.0.1:8081/api/academia/catalog"
137   }
138 }
139 },
140 ],
141 "_links": {
142   "self": {
143     "href": "http://127.0.0.1:8081/api/academia/catalog"
144   }
145 }
146 }
147 }
```

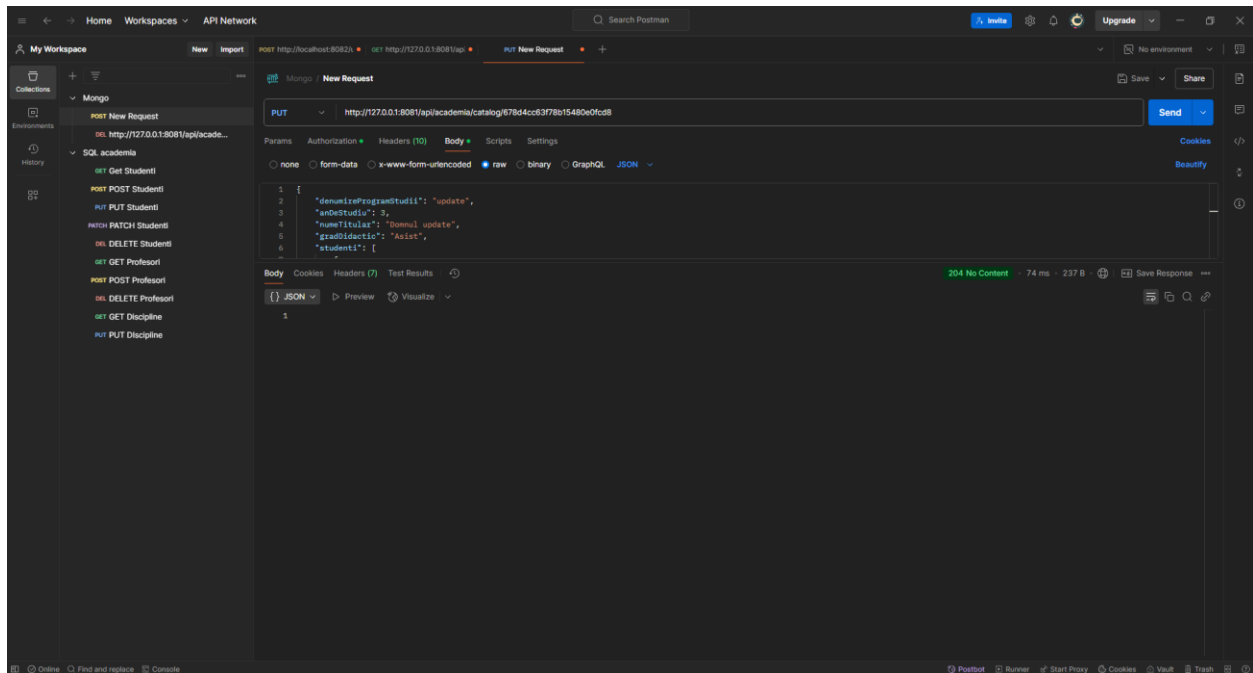
200 OK · 909 ms · 3.47 KB Save Response

Online Find and replace Console

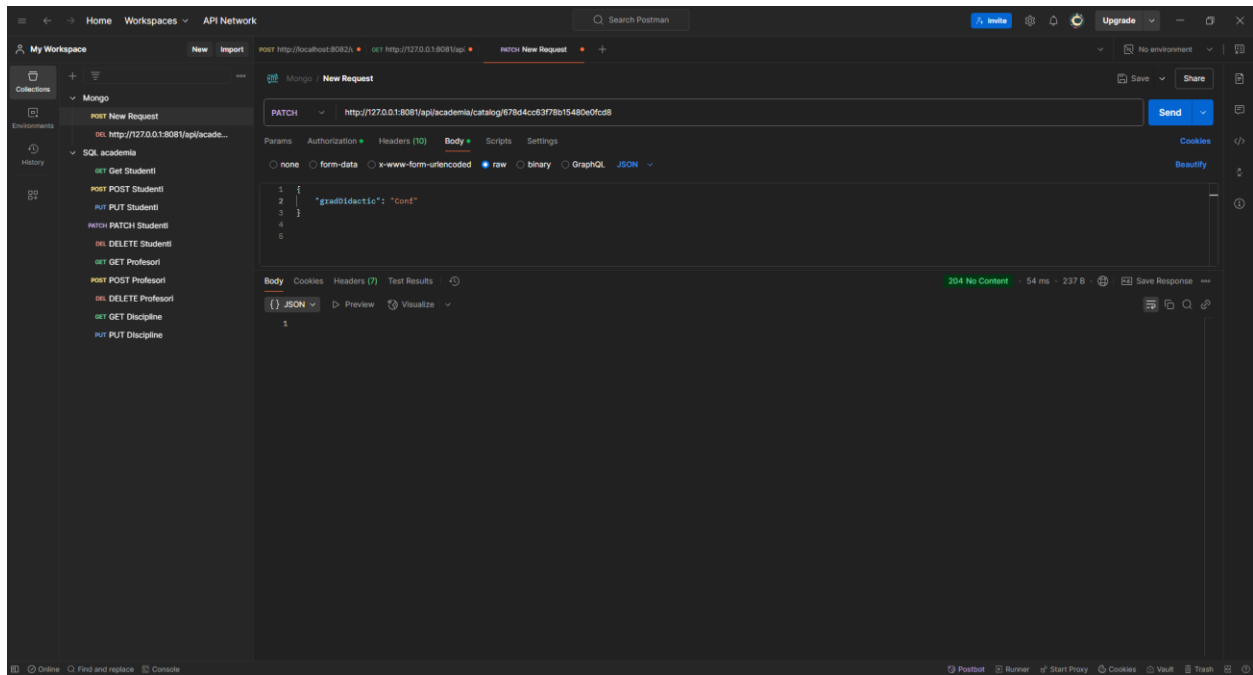
Post discipline:



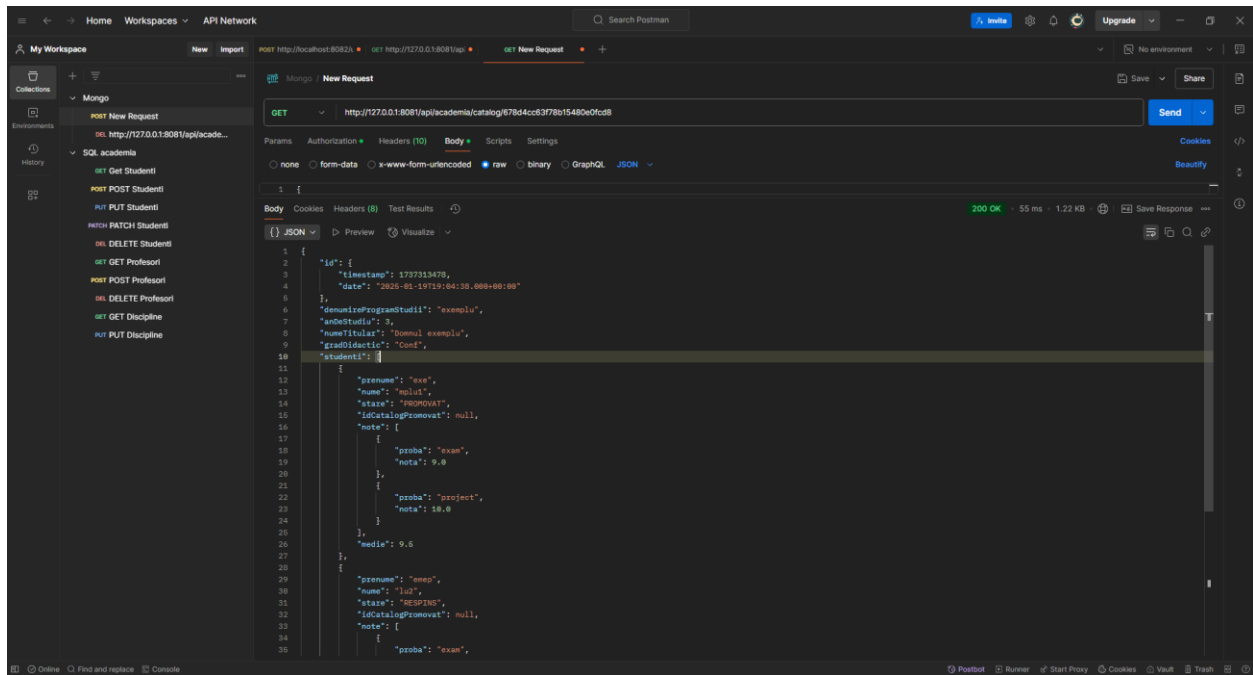
Put discipline:



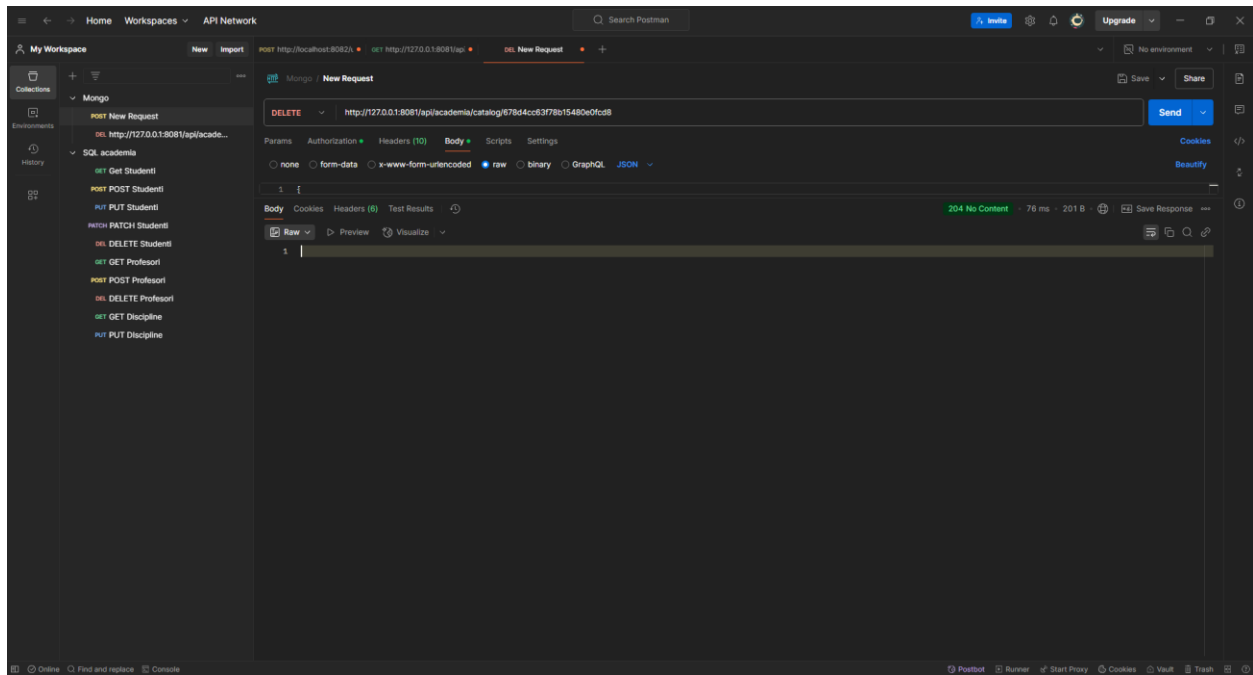
Patch discipline



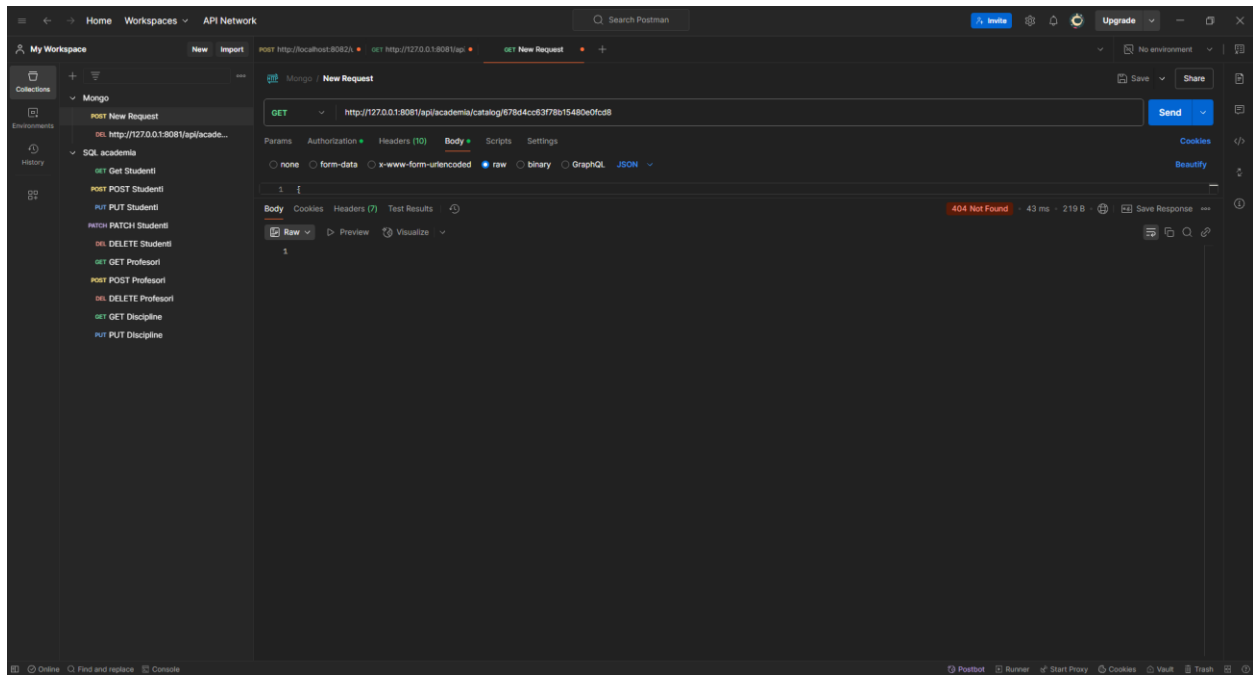
Confirmarea update-urilor



Delete

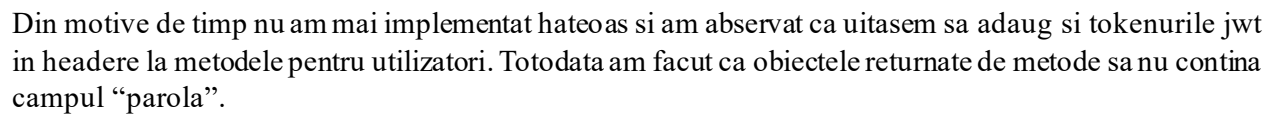


Confirmare delete



-stiu ca la put si patch ar trebui sa returnez obiectul updatat, iar in cod am implementat asta dar nu stiu de ce cand fac request nu il returneaza

Ruta /login returneaza token jwt:



The screenshot displays the Burp Suite REST client interface. The top bar shows the project name 'My Workspace' and the environment 'No environment'. The main workspace is divided into three panes: the left pane shows a list of requests, the top right pane shows the request details, and the bottom pane shows the response details.

Request Details:

- URL:** `http://localhost:8080/vulnrest`
- Method:** `GET`
- Headers:**

```
Host: localhost:8080
Accept: application/json
```
- Body:**

```
{
  "email": "admin@localhost.com",
  "passwd": "1234"
}
```

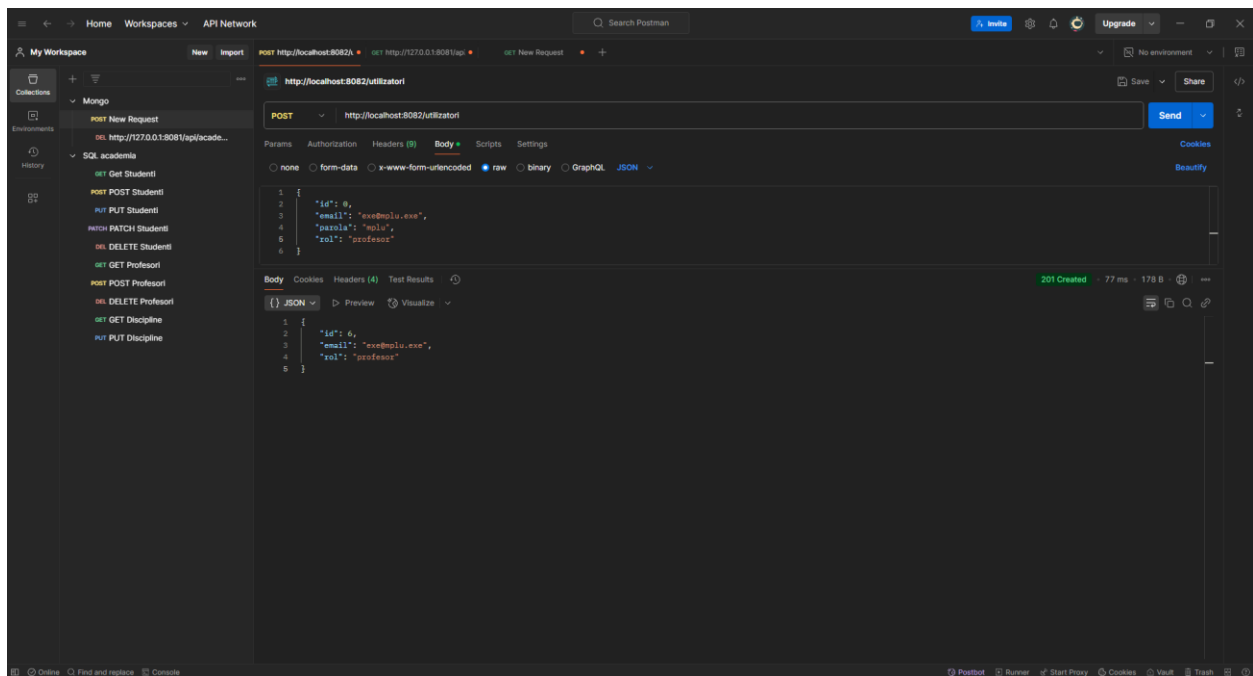
Response Details:

- Status:** `200 OK` (15 ms, 378 B)
- Headers:**

```
Content-Type: application/json
Server: Apache/2.4.18 (Ubuntu)
```
- Body:**

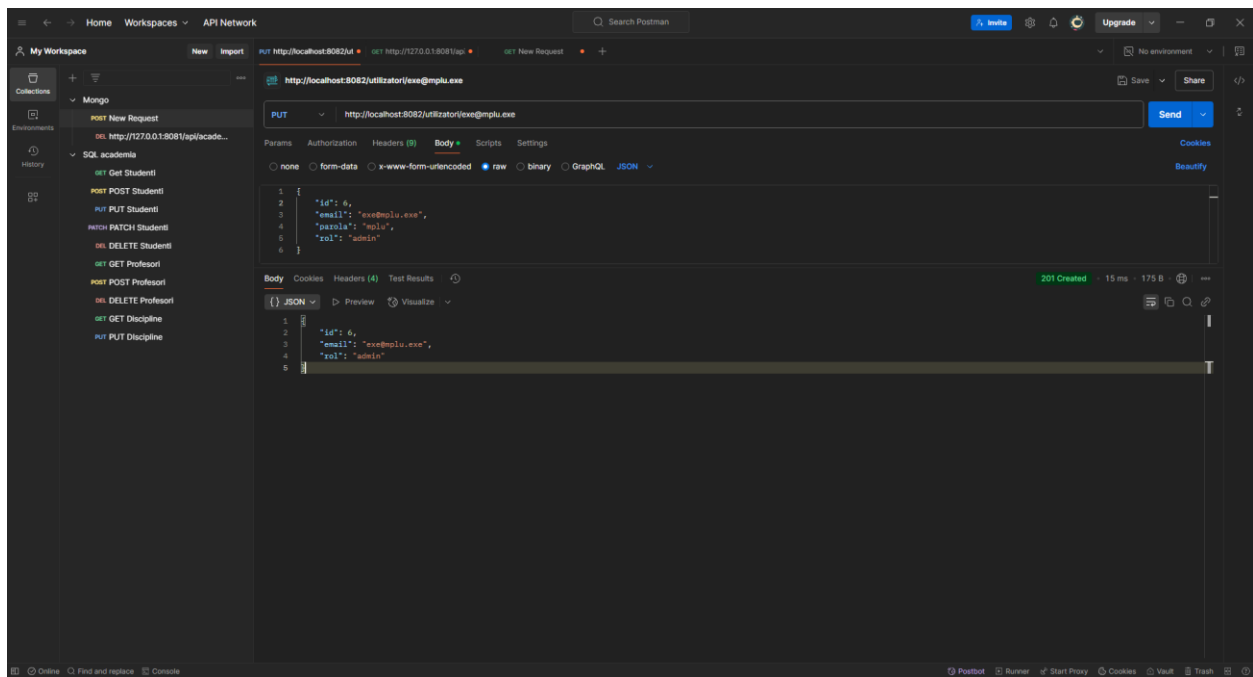
```
[
  {
    "id": 1,
    "email": "test@test.com",
    "passwd": "testtest"
  },
  {
    "id": 2,
    "email": "test@test2.test",
    "passwd": "testtest"
  },
  {
    "id": 3,
    "email": "test@test3.test",
    "passwd": "testtest"
  },
  {
    "id": 4,
    "email": "test@test4.test",
    "passwd": "testtest"
  },
  {
    "id": 5,
    "email": "admin.cn",
    "passwd": "testtest"
  },
  {
    "id": 6,
    "email": "admin@localhost.com",
    "passwd": "admin"
  }
]
```

Post utilizzatori

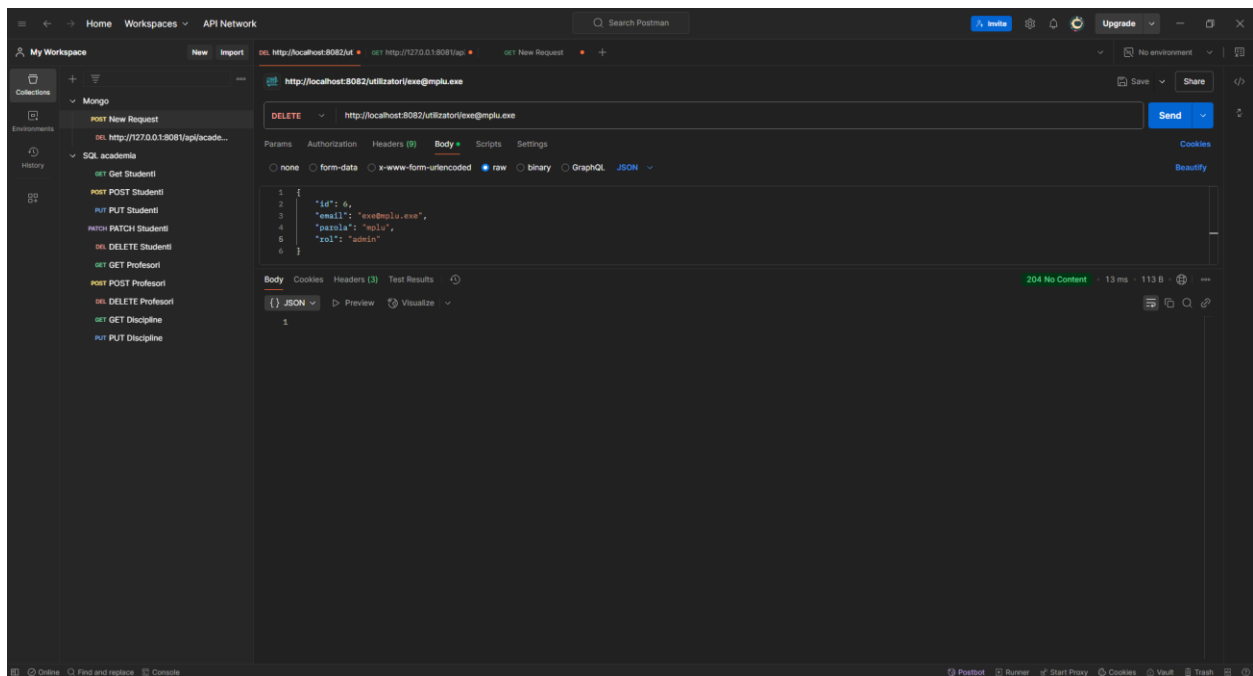


Put, patch si delete sunt implementate pentru /email, nu /id

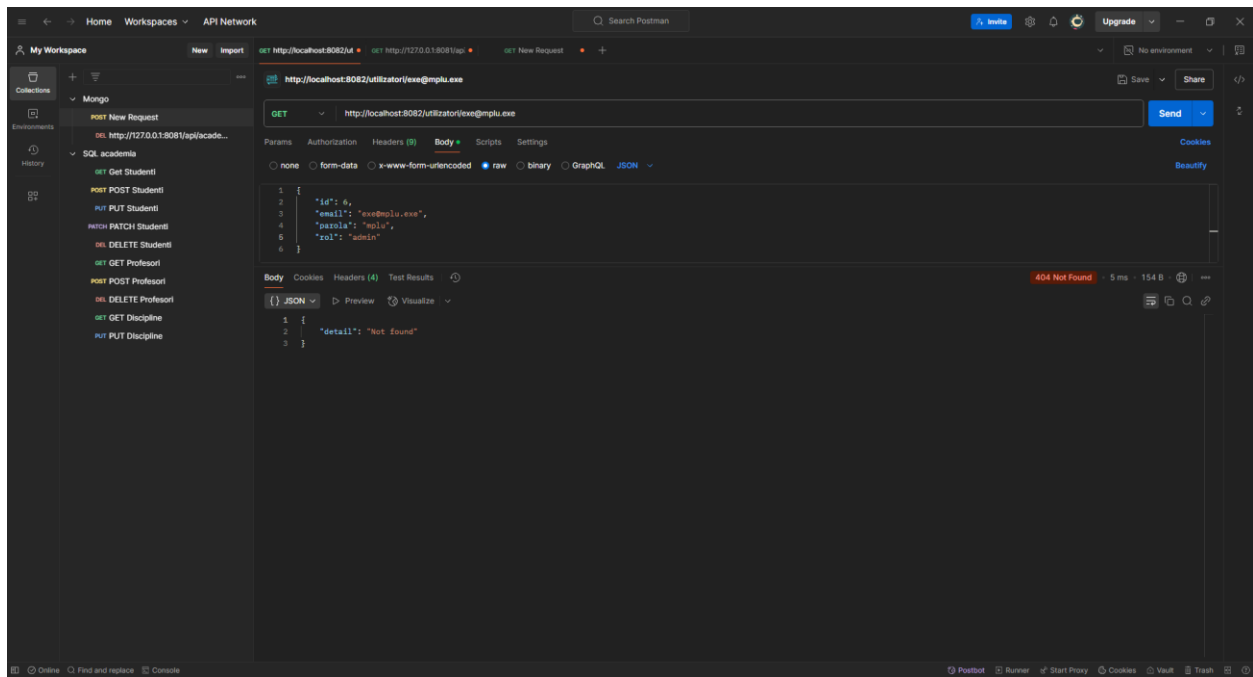
Put



Delete

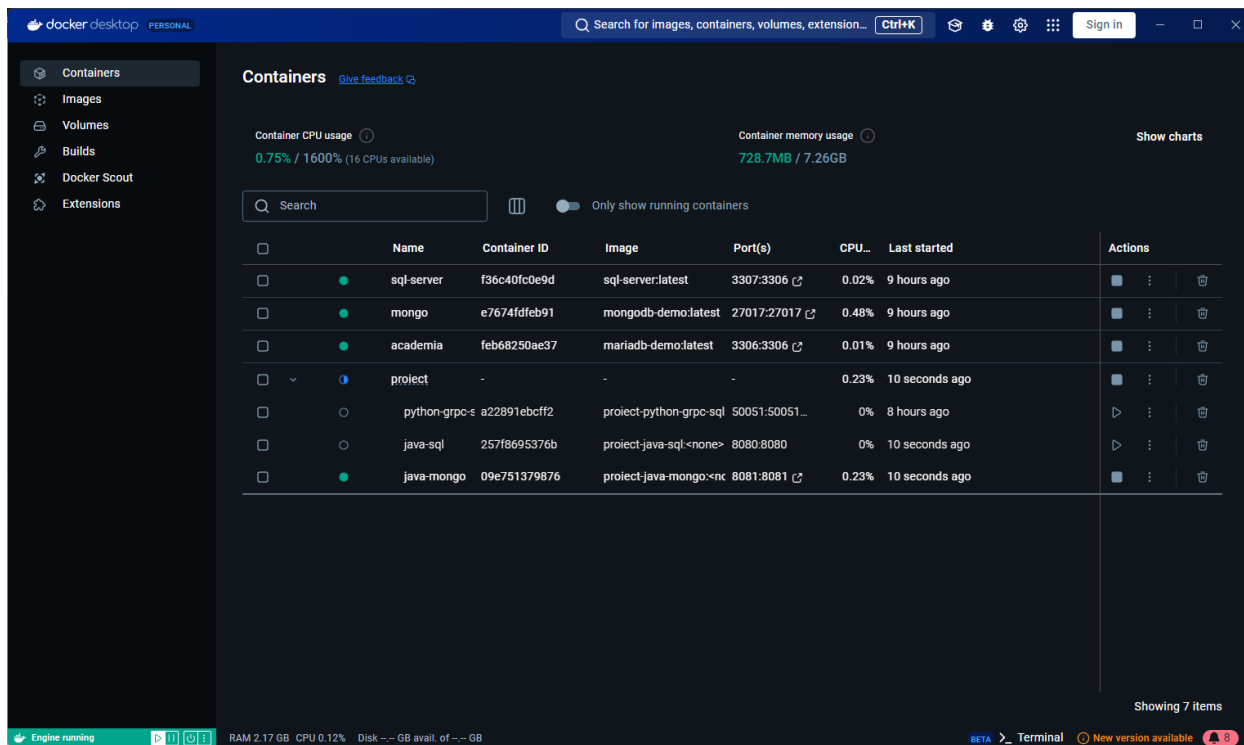


Confirmare delete



Serverul de grpc este usor sa ne dam seama ca merge pentru ca toate requesturile de mai sus au fost facute folosind un token care se verifica la server.

Laborator 5:



The screenshot shows the Docker Desktop interface. On the left is a sidebar with navigation options: Containers, Images, Volumes, Builds, Docker Scout, and Extensions. The main area is titled 'Containers' and displays a table of running containers. Above the table, there are statistics for 'Container CPU usage' (0.75% / 1600% (16 CPUs available)) and 'Container memory usage' (728.7MB / 7.26GB). A search bar and a toggle for 'Only show running containers' are also present. The table lists several containers, including 'sql-server', 'mongo', 'academia', and a group named 'proiect' which contains 'python-grpc-sql', 'java-sql', and 'java-mongo'. Each row shows the container's name, ID, image, ports, CPU usage, and last started time. At the bottom of the interface, a status bar shows 'Engine running', system resources (RAM 2.17 GB, CPU 0.12%, Disk -- GB avail. of -- GB), and a notification for a new version available.

| | Name | Container ID | Image | Port(s) | CPU... | Last started | Actions |
|--------------------------|-----------------|--------------|-------------------------|----------------|--------|----------------|---------------------------|
| <input type="checkbox"/> | sql-server | f36c40fc0e9d | sql-server:latest | 3307:3306 | 0.02% | 9 hours ago | [Stop] [Refresh] [Delete] |
| <input type="checkbox"/> | mongo | e7674fdfeb91 | mongodb-demo:latest | 27017:27017 | 0.48% | 9 hours ago | [Stop] [Refresh] [Delete] |
| <input type="checkbox"/> | academia | feb68250ae37 | mariadb-demo:latest | 3306:3306 | 0.01% | 9 hours ago | [Stop] [Refresh] [Delete] |
| <input type="checkbox"/> | proiect | - | - | - | 0.23% | 10 seconds ago | [Stop] [Refresh] [Delete] |
| <input type="checkbox"/> | python-grpc-sql | a22891ebcff2 | proiect-python-grpc-sql | 50051:50051... | 0% | 8 hours ago | [Stop] [Refresh] [Delete] |
| <input type="checkbox"/> | java-sql | 257f8695376b | proiect-java-sql<none> | 8080:8080 | 0% | 10 seconds ago | [Stop] [Refresh] [Delete] |
| <input type="checkbox"/> | java-mongo | 09e751379876 | proiect-java-mongo<nc | 8081:8081 | 0.23% | 10 seconds ago | [Stop] [Refresh] [Delete] |

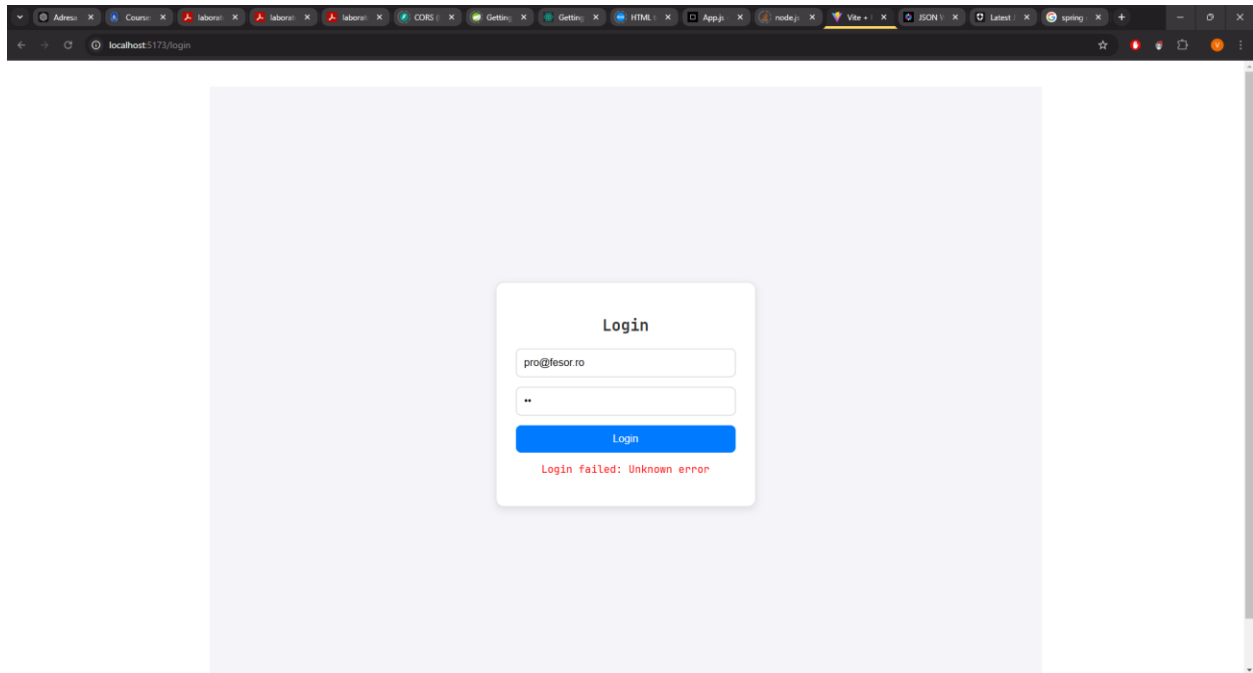
Am facut fisierele Dockerfile si docker-compose asa cum trebuie, dar cand dau up la compose, doar serviciul de Mongo ramane activ, pe cand celelalte 2 imi dau crash din acelasi motiv: conexiunea la MariaDB. Primesc “Connection refused” cand incerc sa ma conectez din interiorul composeului la bazele de date SQL. Si nu de la utilizatori, pentru ca m-am uitat atunci cand i-am create pentru ce retea i-am create si m-am asigurat cu docker network inspect ca am reteaua buna. Am incercat sa ma conectez si cu root si tot Connection refused primesc.

Laborator 6:

Datorita faptului ca nu imi merge tabela de join dintre student si discipline de la laboratorul 2, nu pot sa verific daca este correct view-ul pentru student care isi vede disciplinele.

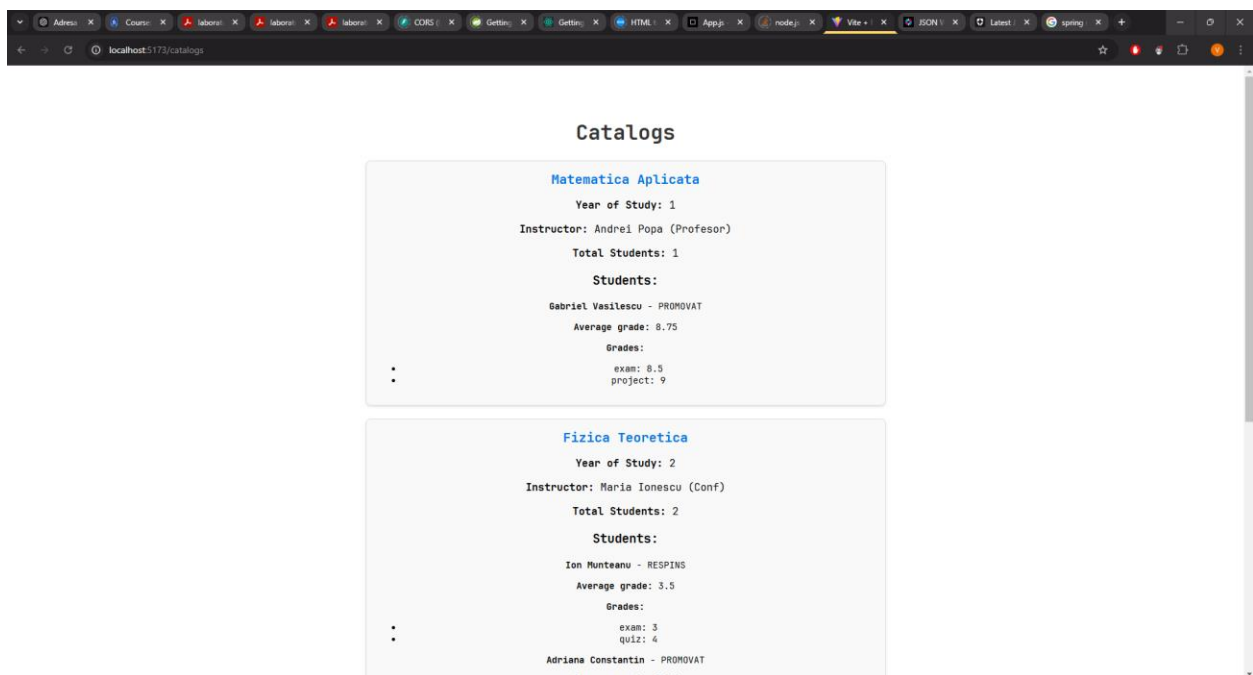
Atunci cand intri pe site esti redirectionat pe login:

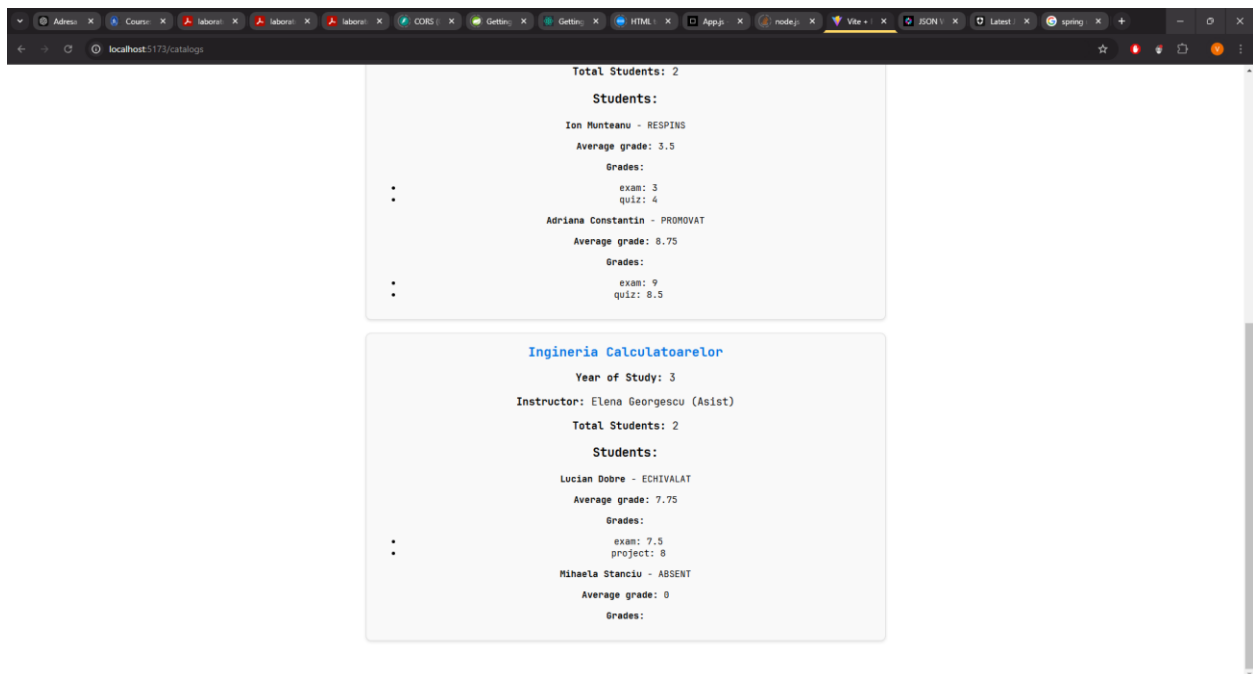
Login cand introduce date gresite:



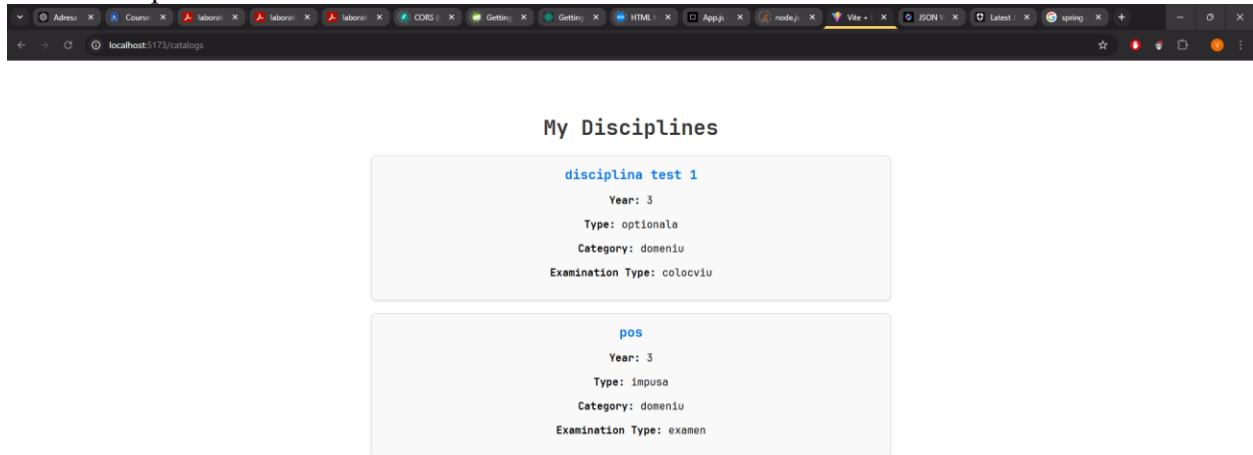
Dupa ce apesi login esti redirectionat catre un view specific rolului tau

View-ul de admin care vede cataloagele:





View-ul de profesor care vede materiile la care e titular:



View-ul de student care isi poate vedea materiile unde e inrolat nu merge momentan din cauza unei erori cand apelez “/student/{id}/discipline”, si nu am timp sa rezolv.