Spring 25

CSE434 (UG2018) - Aspect- and Service-Oriented Software Systems (37100)

Lab assignment 3

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Checking ceview in docker container

Checking docker running:

```
PS C:\college\Semester 10\aspect\assignments\lab 1\controller-demo\controller-demo\lab 3\ceview\ceview> docker ps
CONTAINER ID   IMAGE         COMMAND                  CREATED         STATUS                   PORTS                    NAMES
f973dea24234   postgres:14   "docker-entrypoint.s…"   3 minutes ago   Up 3 minutes (healthy)   0.0.0.0:5432->5432/tcp   ceview-postgres
PS C:\college\Semester 10\aspect\assignments\lab 1\controller-demo\controller-demo\lab 3\ceview\ceview>
```

Listing databases on Docker CLI:

```
postgres=# \l
                                 List of databases
   Name    |  Owner   | Encoding |  Collate   |   Ctype    |   Access privileges
-----------+----------+----------+------------+------------+-----------------------
 ceview    | postgres | UTF8     | en_US.utf8 | en_US.utf8 |
 postgres  | postgres | UTF8     | en_US.utf8 | en_US.utf8 |
 template0 | postgres | UTF8     | en_US.utf8 | en_US.utf8 | =c/postgres          +
           |          |          |            |            | postgres=CTc/postgres
 template1 | postgres | UTF8     | en_US.utf8 | en_US.utf8 | =c/postgres          +
           |          |          |            |            | postgres=CTc/postgres
```

Connecting to ceview database:

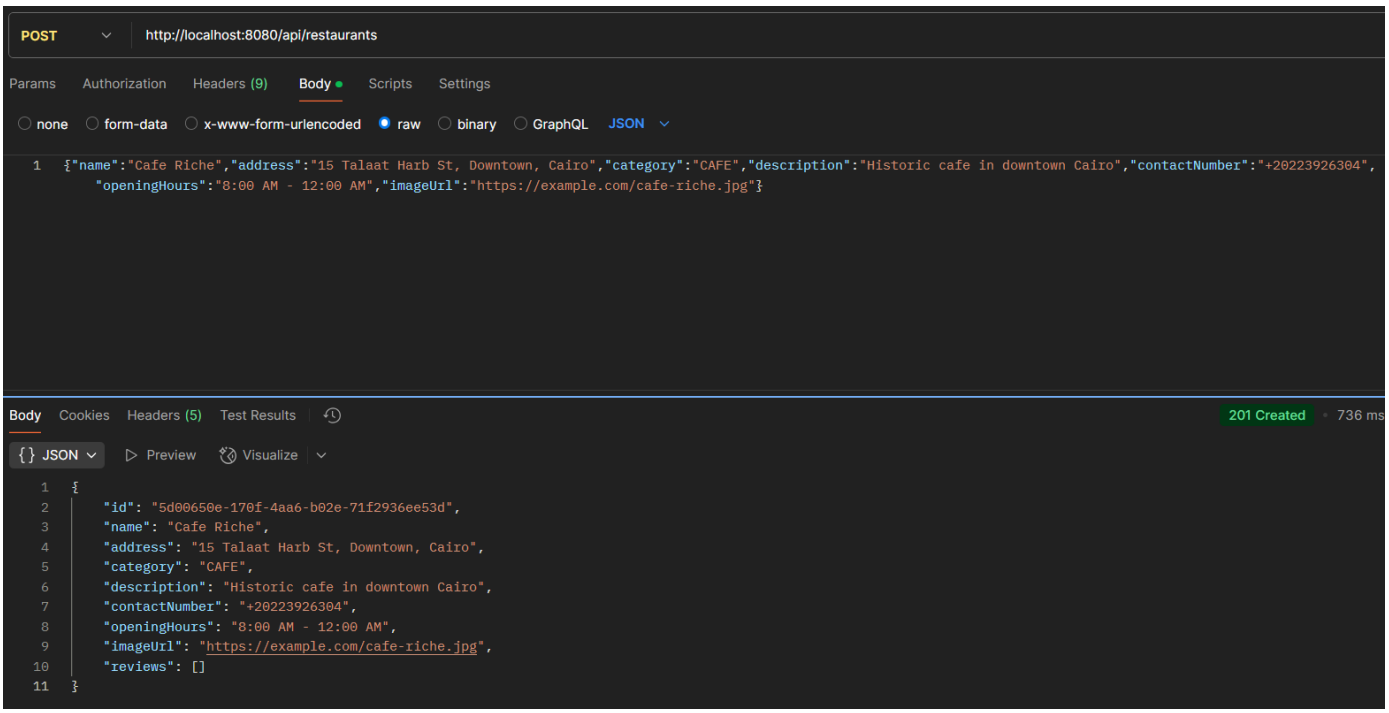
```
postgres=# \c ceview
You are now connected to database "ceview" as user "postgres".
ceview=#
```

Checking tables:

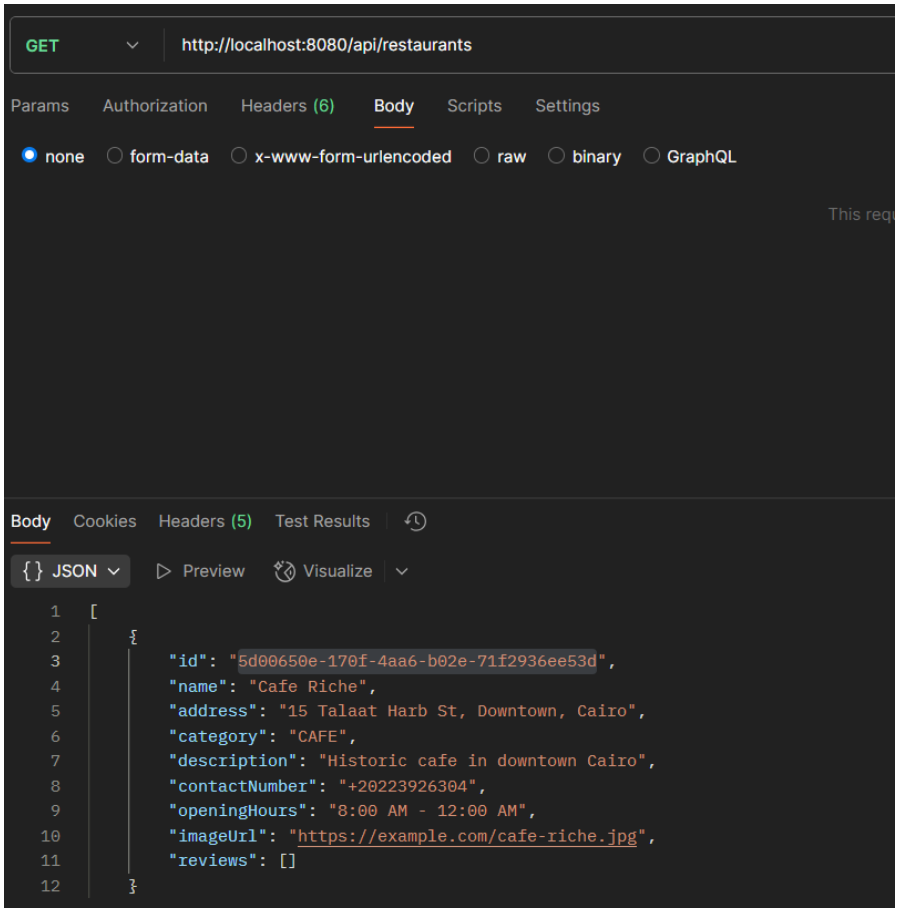
```
ceview=# \dt
            List of relations
 Schema |    Name     | Type  |  Owner
--------+-------------+-------+----------
 public | restaurants | table | postgres
 public | reviews     | table | postgres
(2 rows)

ceview=#
```

Testing Workflow Example

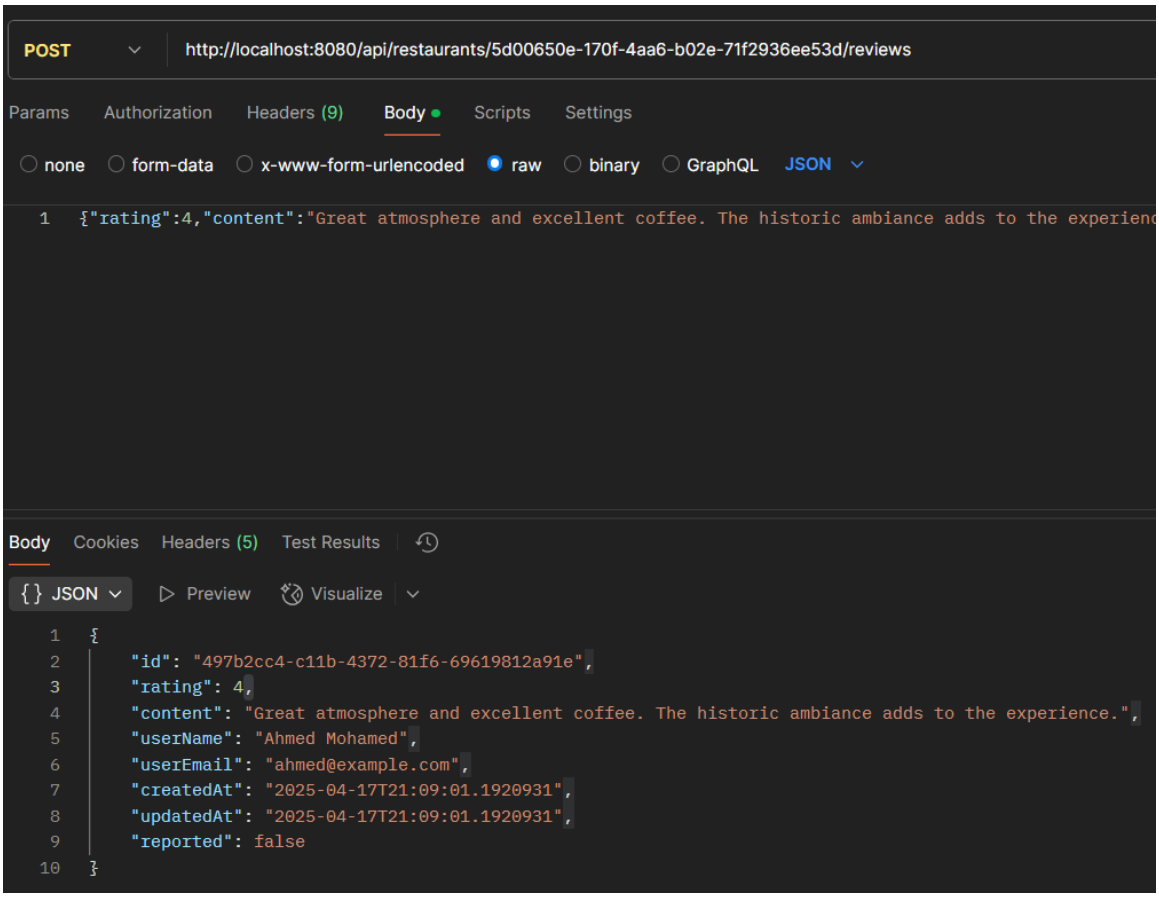
1. Create a restaurant and save the returned UUID



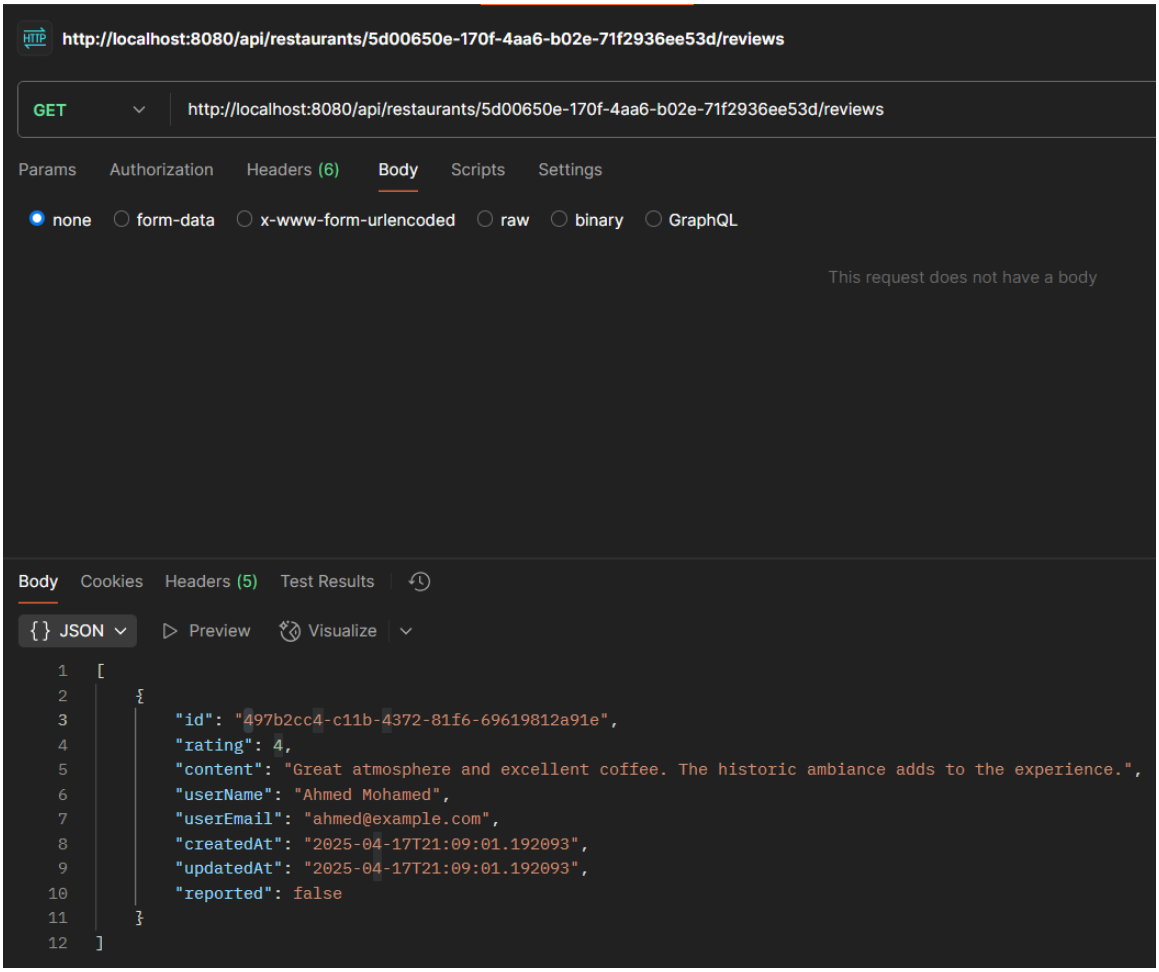
2. Get all restaurants to verify it was created



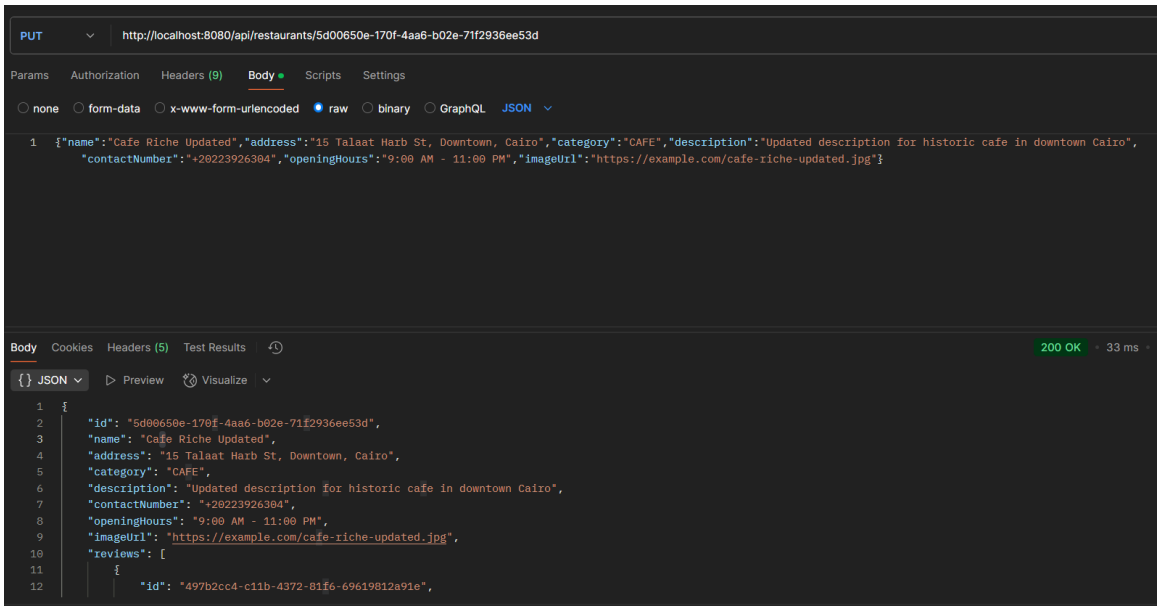
3. Create a review for that restaurant using the UUID



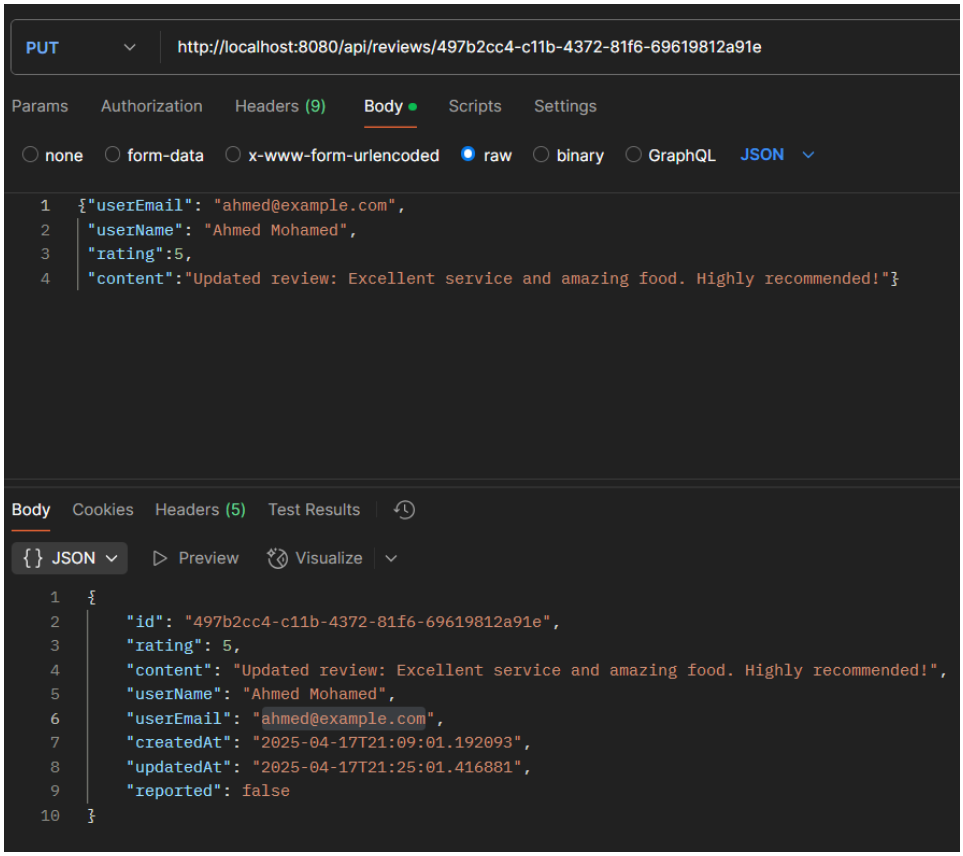
4. Get all reviews for that restaurant



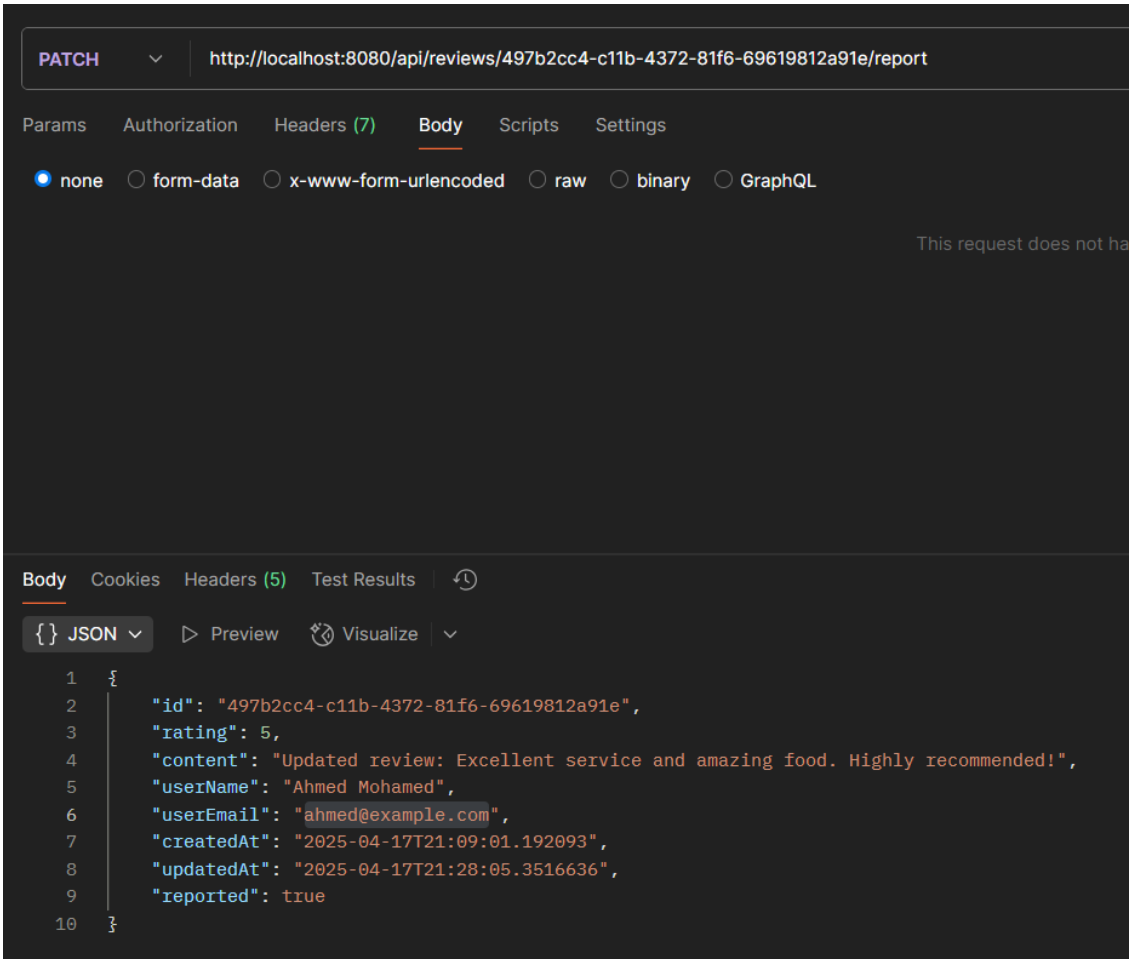
5. Update the restaurant



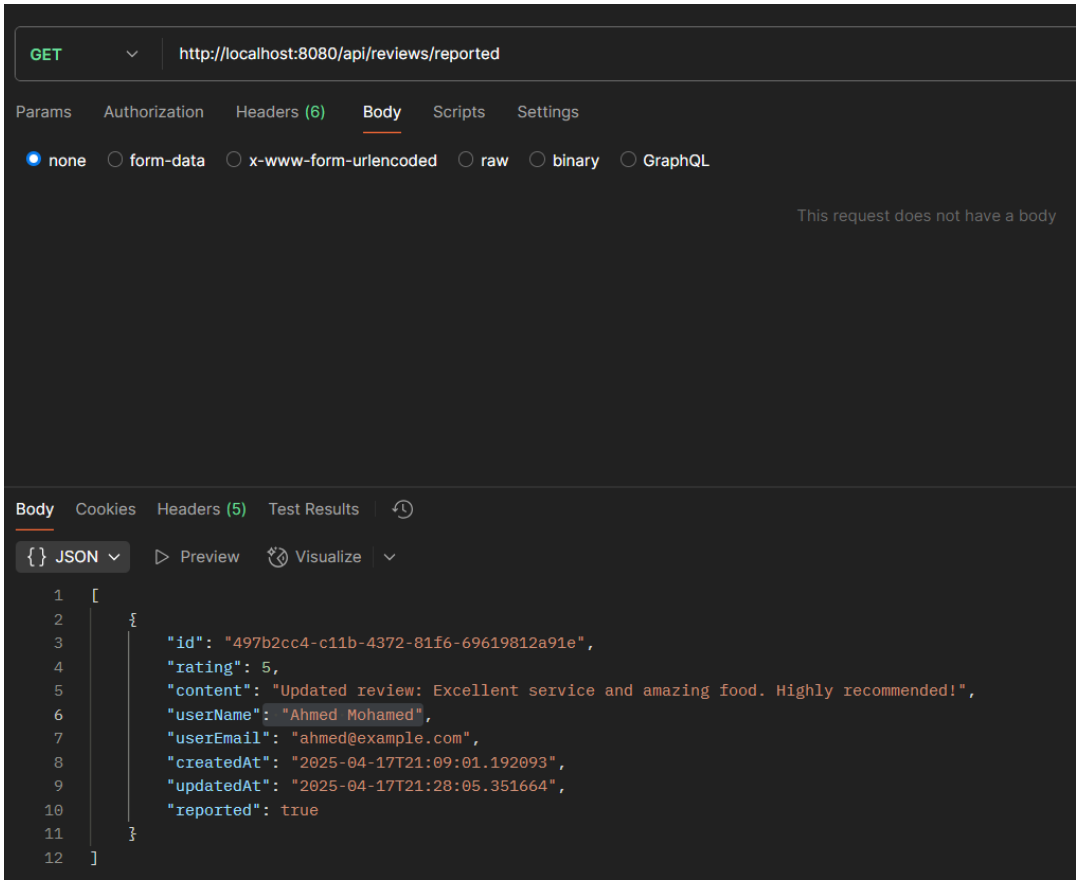
6. Update the review



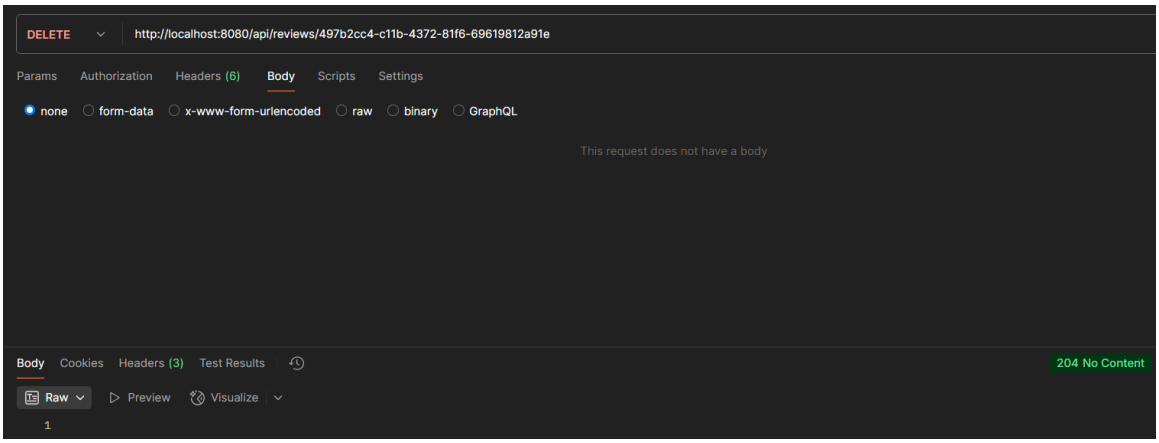
7. Report the review



8. Get all reported reviews



9. Delete the review



10. Delete the restaurant