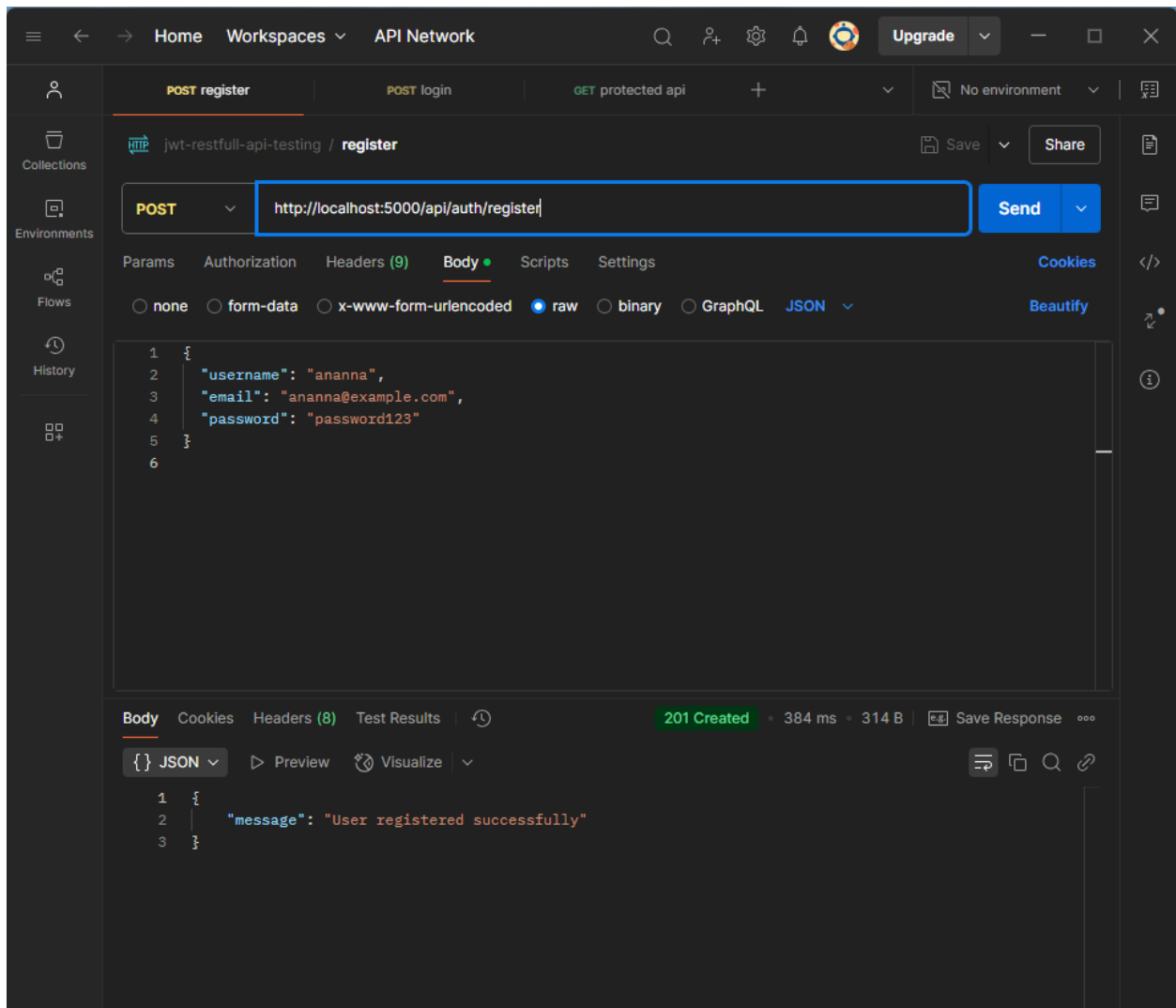


Assignment: 13

Introduction to API

Register:

POST: <http://localhost:5000/api/auth/register>



MongoDB:

The screenshot shows the MongoDB Compass interface. On the left sidebar, under 'eCommerceDb', the 'jwtApiApp' database is expanded, showing the 'users' collection. The main panel displays the 'jwtApiApp.users' collection with the following statistics: STORAGE SIZE: 36KB, LOGICAL DATA SIZE: 1.24KB, TOTAL DOCUMENTS: 8, INDEXES TOTAL SIZE: 72KB. Below the statistics are tabs for 'Find', 'Indexes', 'Schema Anti-Patterns', 'Aggregation', and 'Search Indexes'. A search bar is present with the placeholder 'Type a query: { field: 'value' }'. The main area shows three user documents:

```
{
  "_id": ObjectId('67c21675d76581db717f0912'),
  "username": "testuser3",
  "email": "test6@example.com",
  "password": "$2b$10$SIX8ta8LsuJLZLUz86aSzubxjTgmia6hegA92HM0RTHcAaZh1PVl6"
}
```

```
{
  "_id": ObjectId('67c2169dd76581db717f0915'),
  "username": "testuser7",
  "email": "test7@example.com",
  "password": "$2b$10$vtUw0hSDRqFzeXG/iaNcUu02VK5R2cJkc2xkLZRKScq19DC5RV0cq"
}
```

```
{
  "_id": ObjectId('67c353d1fcf5098a06ee5c63'),
  "username": "ananna",
  "email": "ananna@example.com",
  "password": "$2b$10$DaXQIXCnbEPfhg/xsV1mjeP6Wc9IBC0Zd.yfhVcdt/8xu9Cv8ZZsC"
}
```

Login:

POST: <http://localhost:5000/api/auth/login>

The screenshot displays the Postman API client interface. The top navigation bar includes 'Home', 'Workspaces', and 'API Network'. The main workspace shows a collection named 'jwt-restfull-api-testing' with a 'login' endpoint. The request is a POST to 'http://localhost:5000/api/auth/login' with a raw JSON body:

```
{  "email": "ananna@example.com",  "password": "password123"}
```

. The response is a 200 OK status with a response time of 179 ms and a body size of 489 B. The response body is shown in JSON format:

```
{  "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6IjY3YzYzM1M2QxZmNmNTA5OGUwNmVlNWMyImVtYWlsIjoieW5hbm5hQG54YVY1bW5GUuY29tIiwiaWF0IjoxNzQwODU4NDkxLCJleHAiOjE3NDQ4NTgwOTF9.JIp9K28Th5VPjj23N7C5t8LzcCTqq52-B1UfC-W6uf0"}
```

Protected API:

GET: <http://localhost:5000/api/protected>

The screenshot displays the API Network application interface. The top navigation bar includes 'Home', 'Workspaces', and 'API Network'. The main workspace shows a collection named 'jwt-restfull-api-testing' with a sub-collection 'protected api'. The selected request is a GET method to 'http://localhost:5000/api/protected'. The 'Headers' tab is active, showing a table with one header: 'Authorization' with a Bearer token. The 'Body' tab is also visible, showing a JSON response. The status bar indicates a '200 OK' response with a response time of 8 ms and a size of 401 B.

Headers (7)

Key	Value	Description
Authorization	Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6I...	

Body

```
{
  "message": "Access Granted!",
  "user": {
    "id": "67c353d1fcf5098a06ee5c63",
    "email": "ananna@example.com",
    "iat": 1740854491,
    "exp": 1740858091
  }
}
```