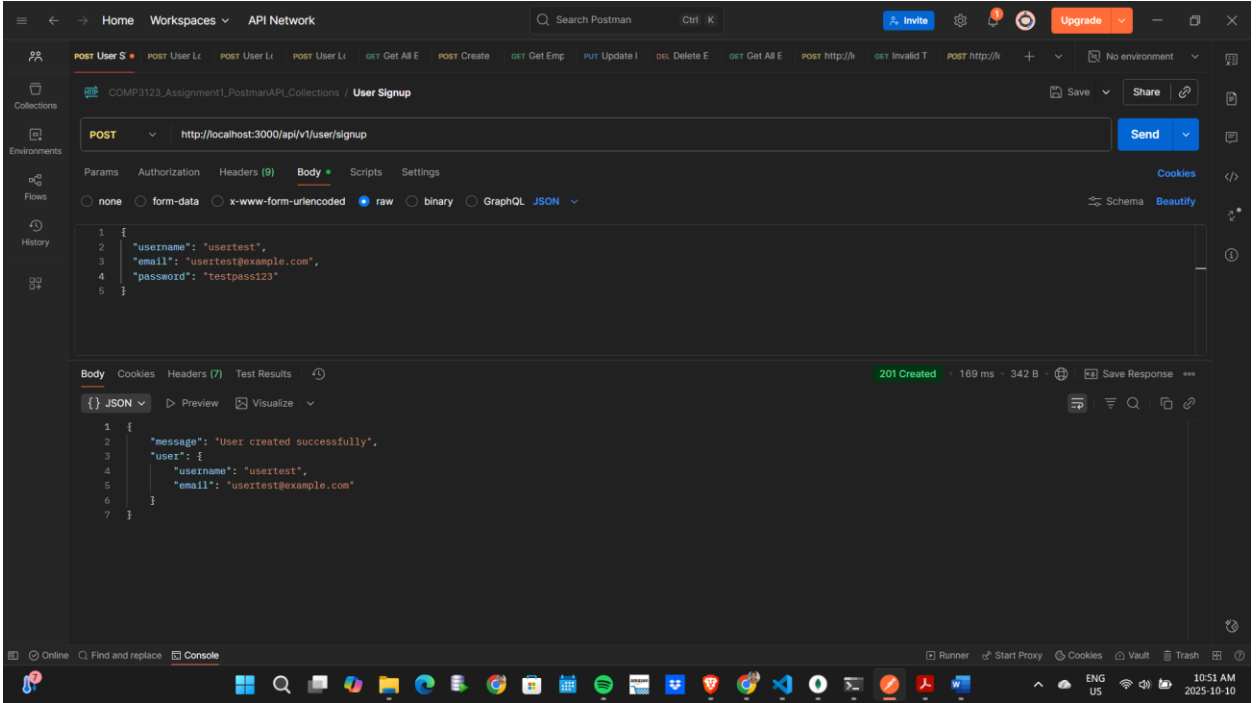
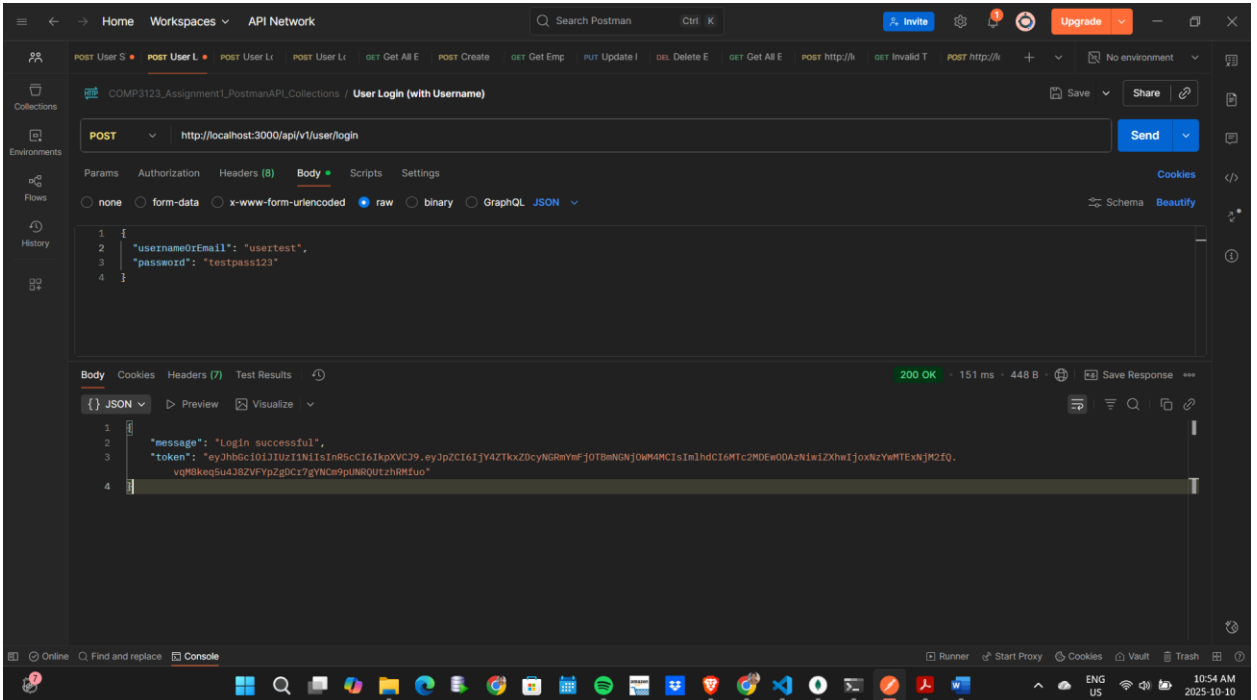


## Postman Test Screenshots

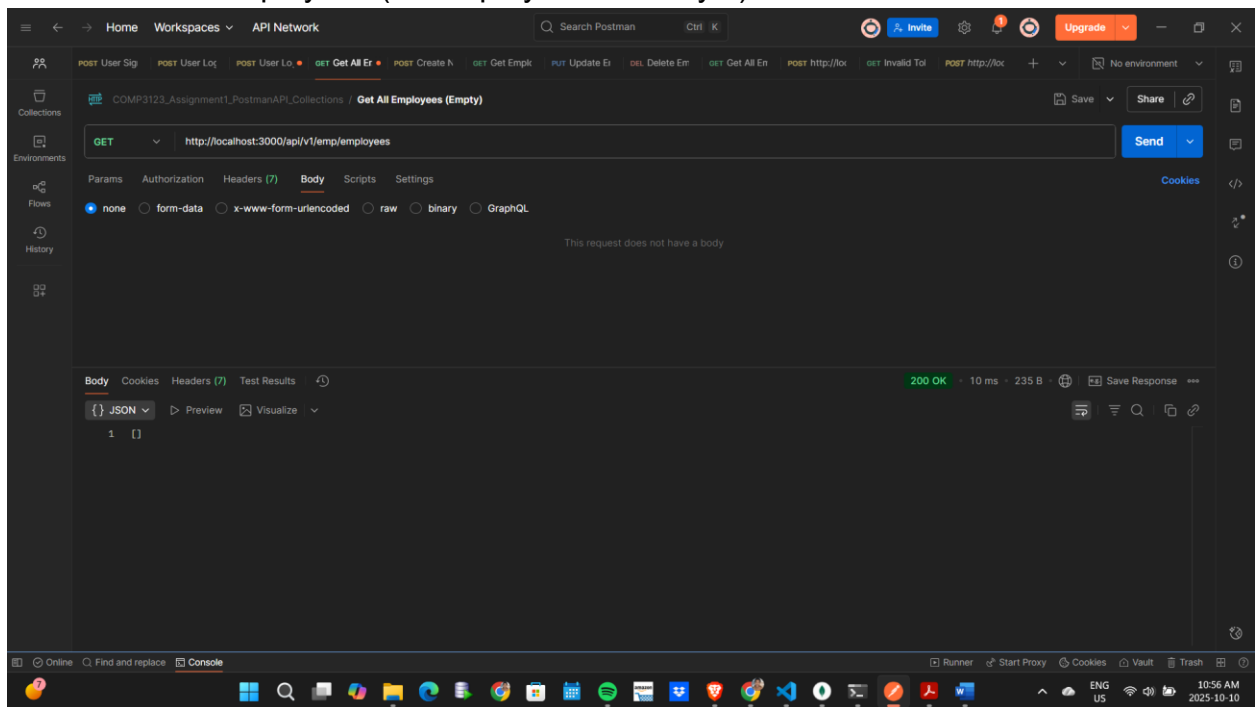
## 1. Test 1: User Signup



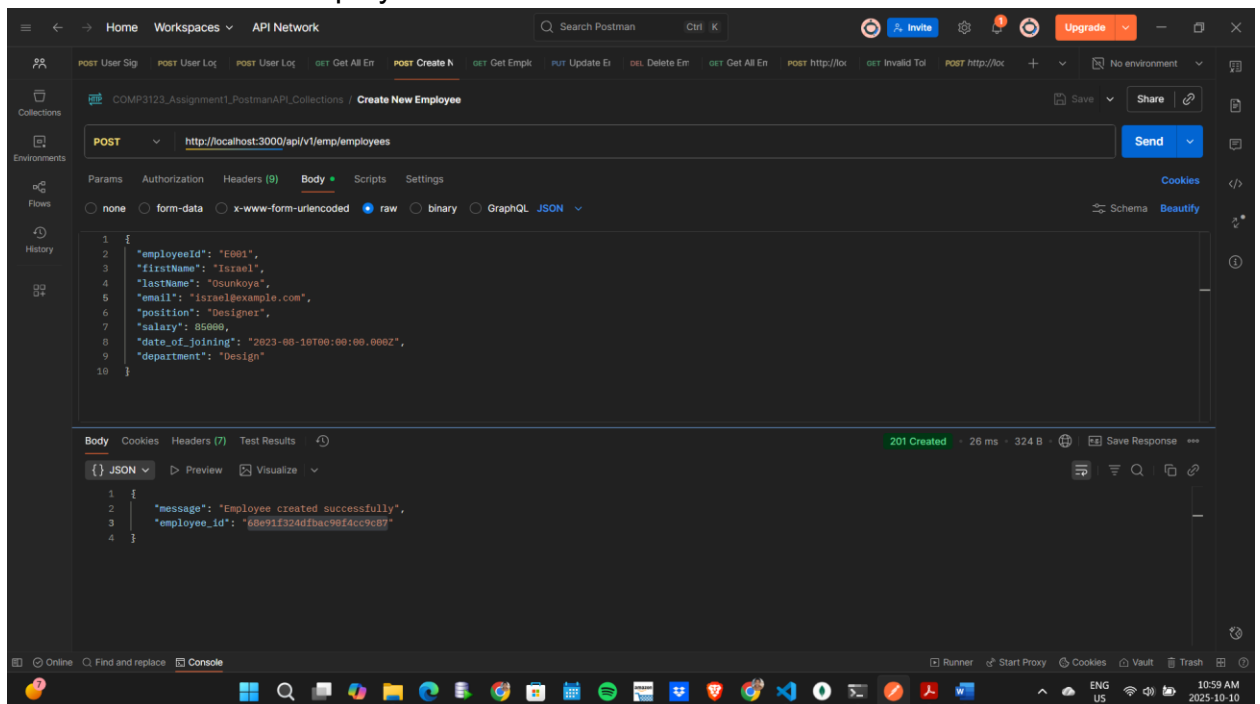
## 2. Test 2: User Login



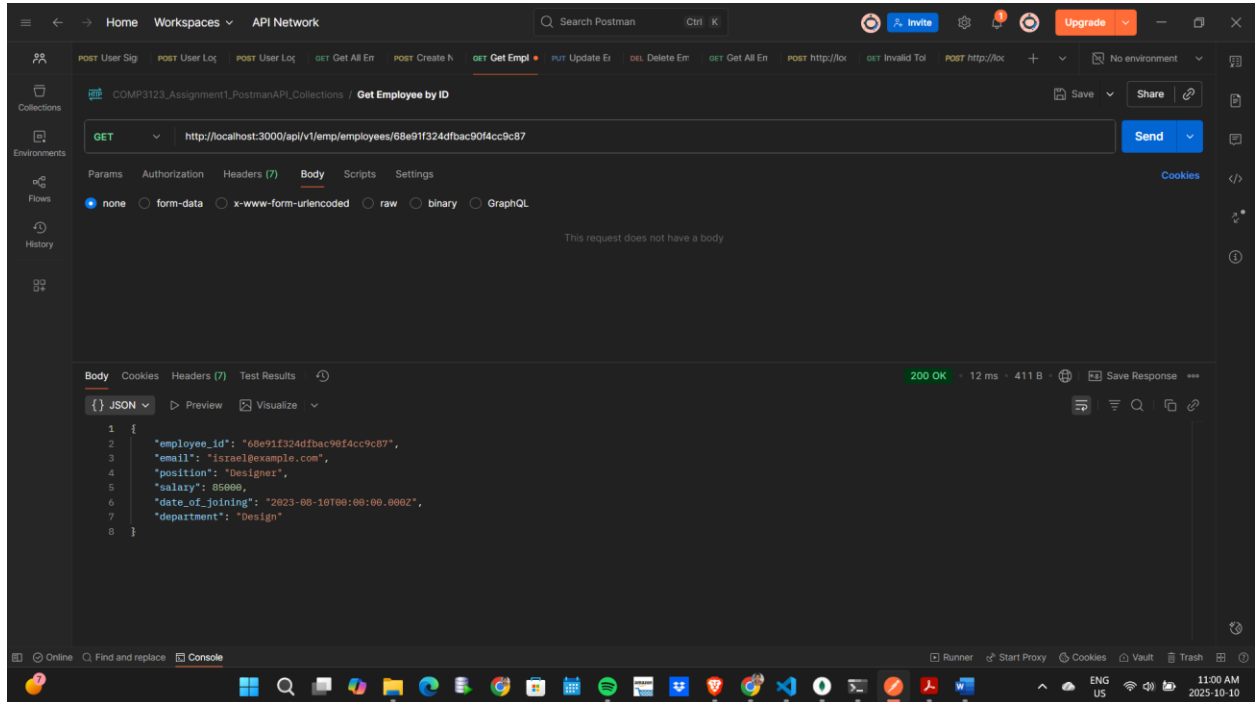
### 3. Test 3: Get All Employees (no employees added yet)



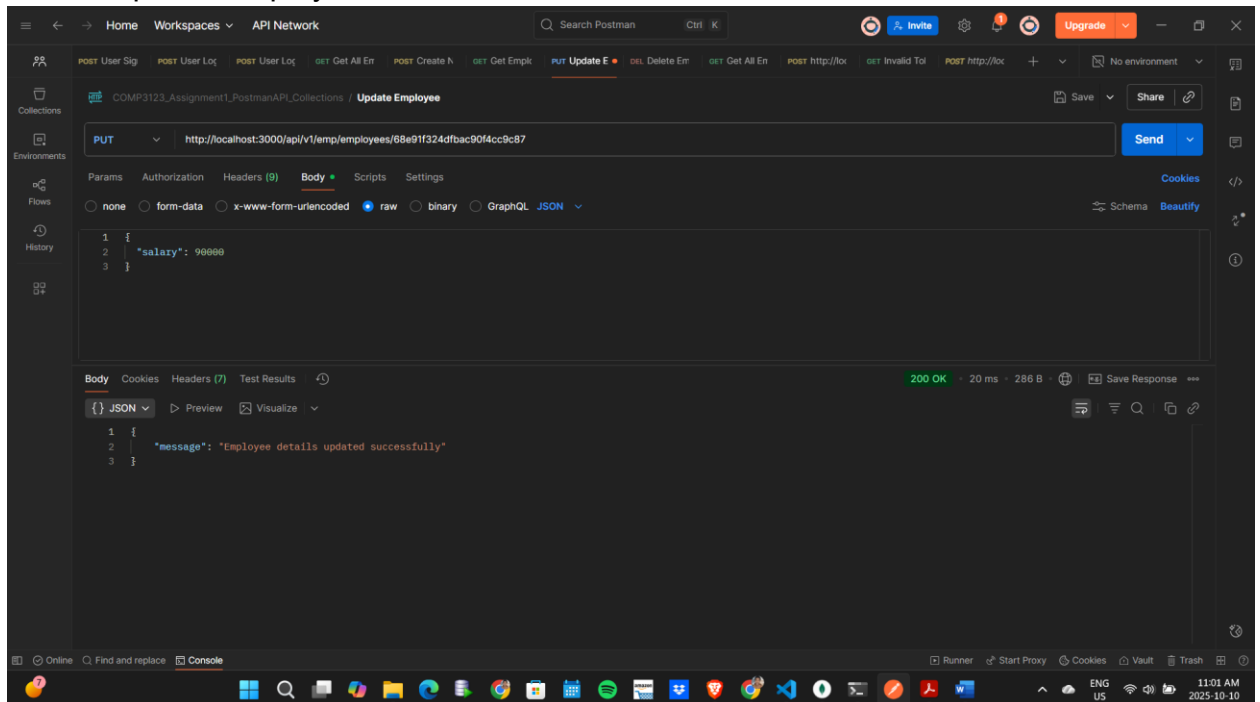
### 4. Test 4: Create New Employees



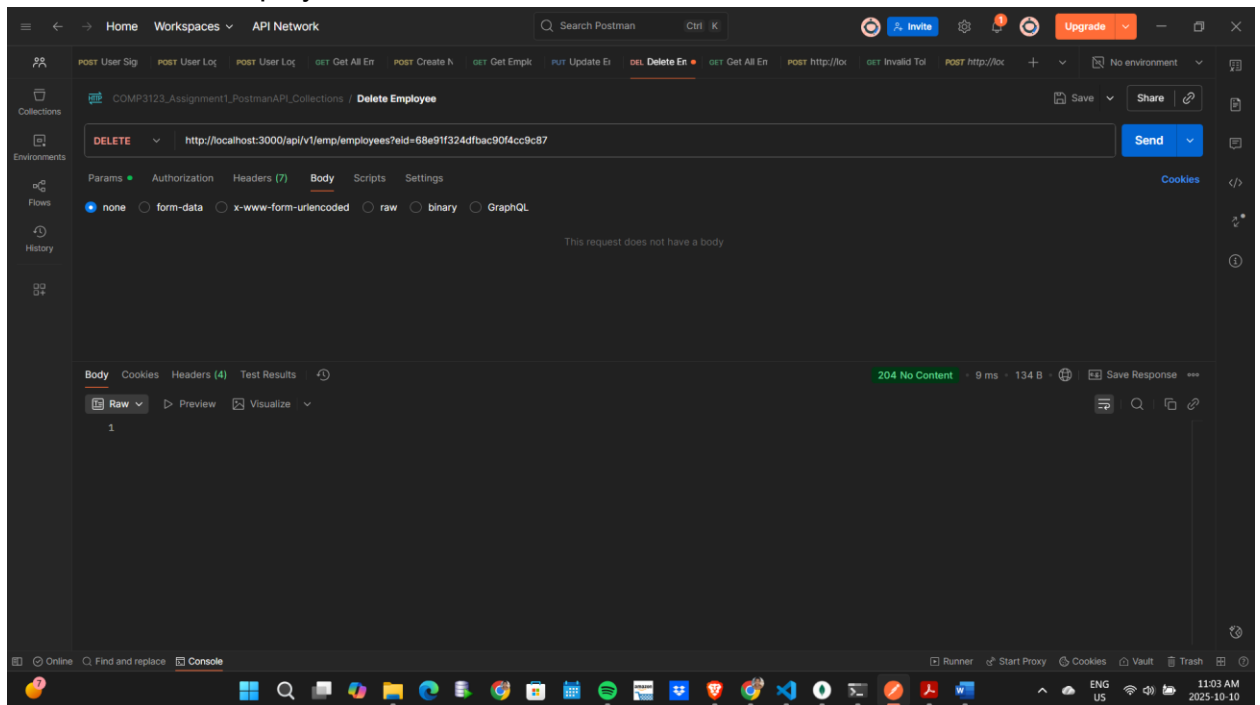
## 5. Test 5: Get Employee by ID



## 6. Test 6: Update Employee

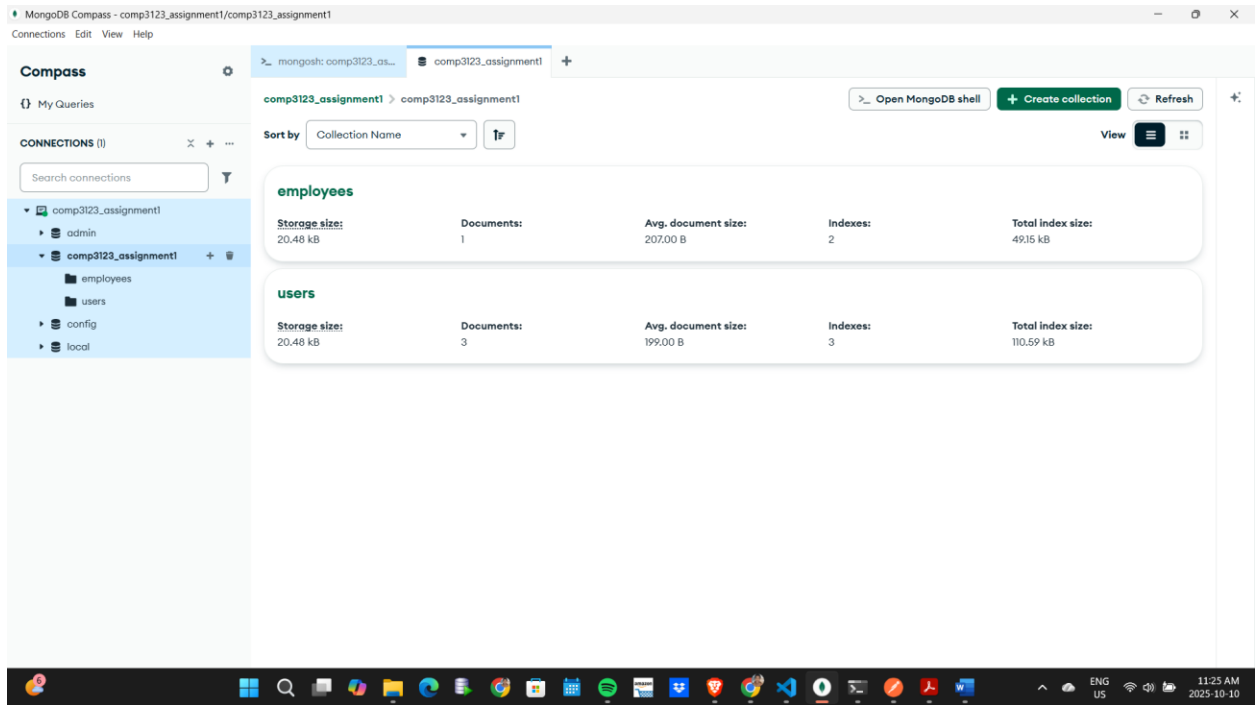


## 7. Test 7: Delete Employee

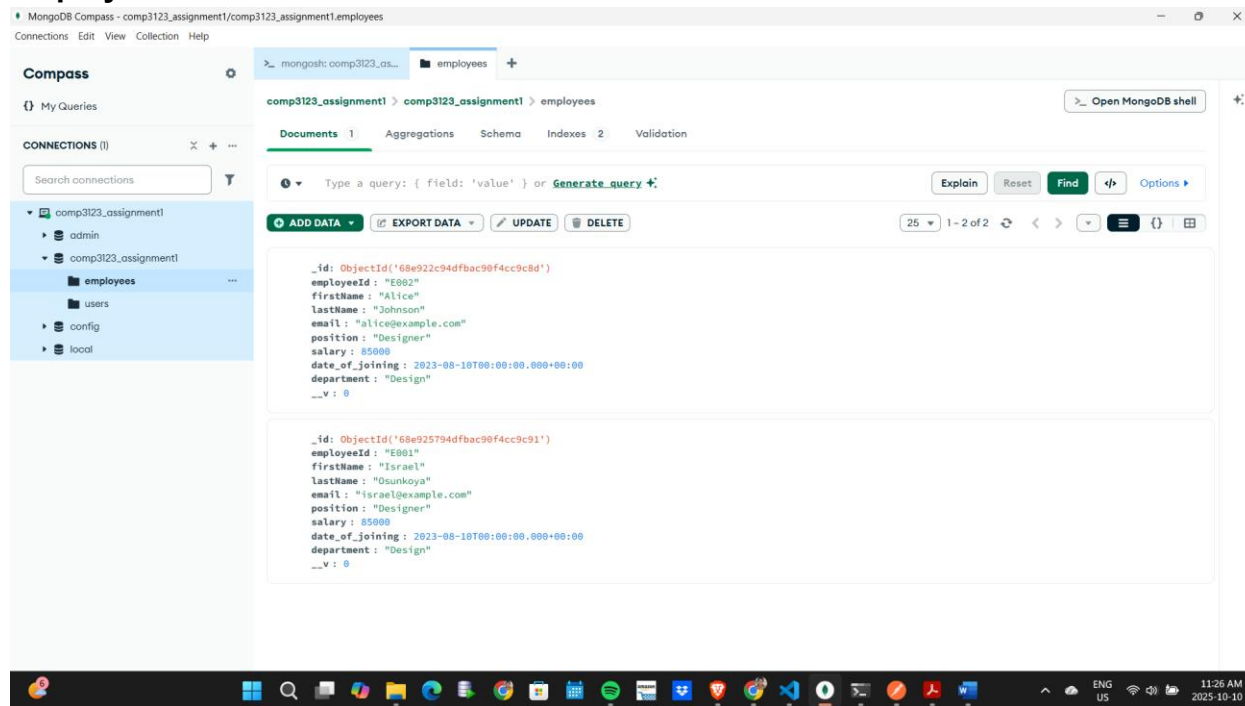


## MongoDB database collection screenshots

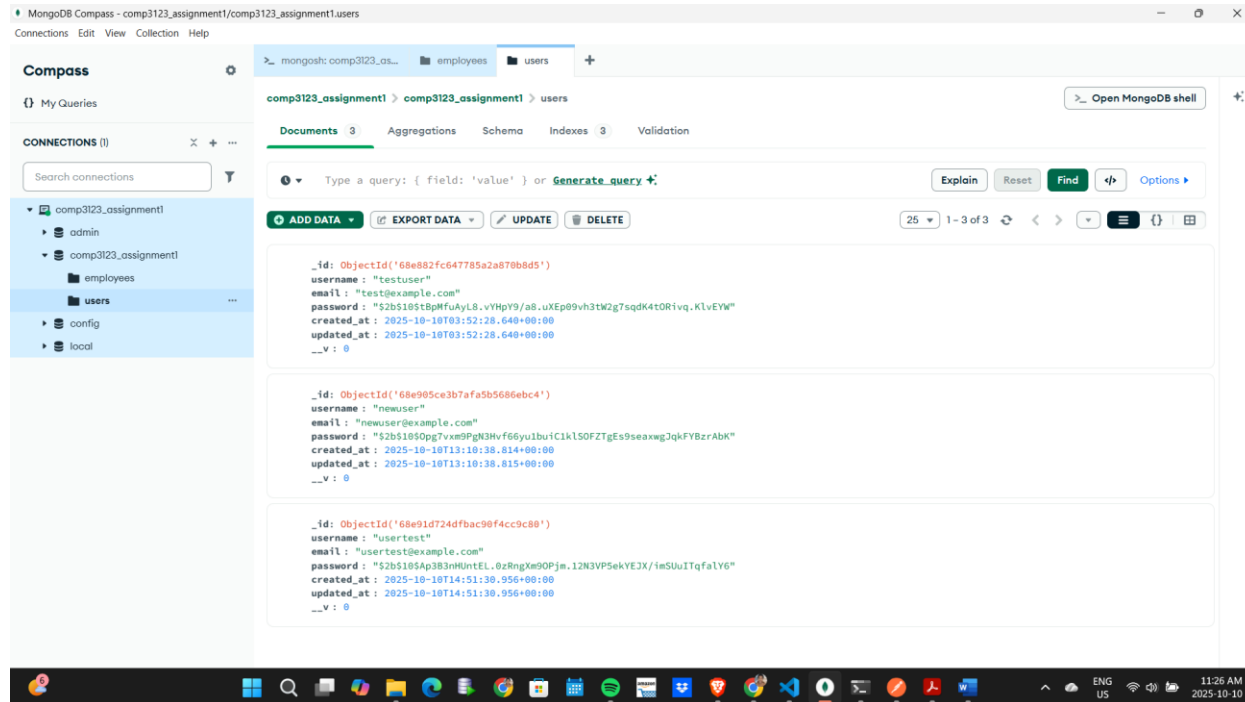
### 1. MongoDB database collection:



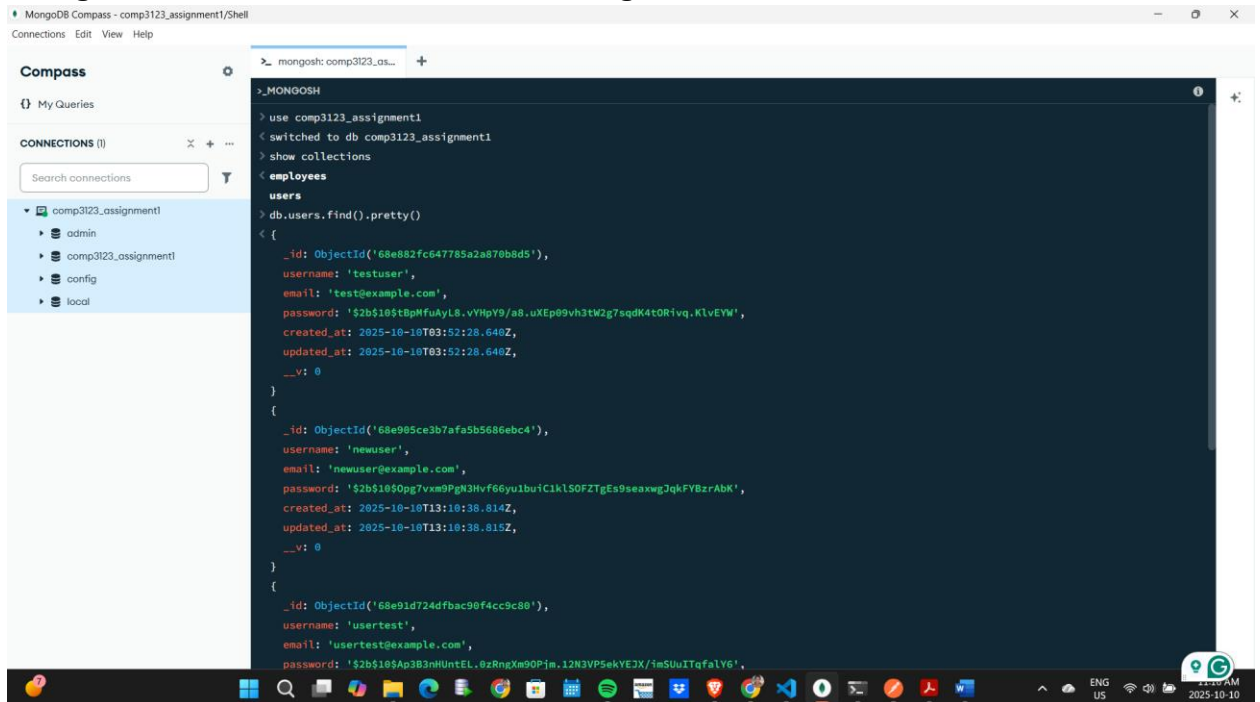
- employees collection:

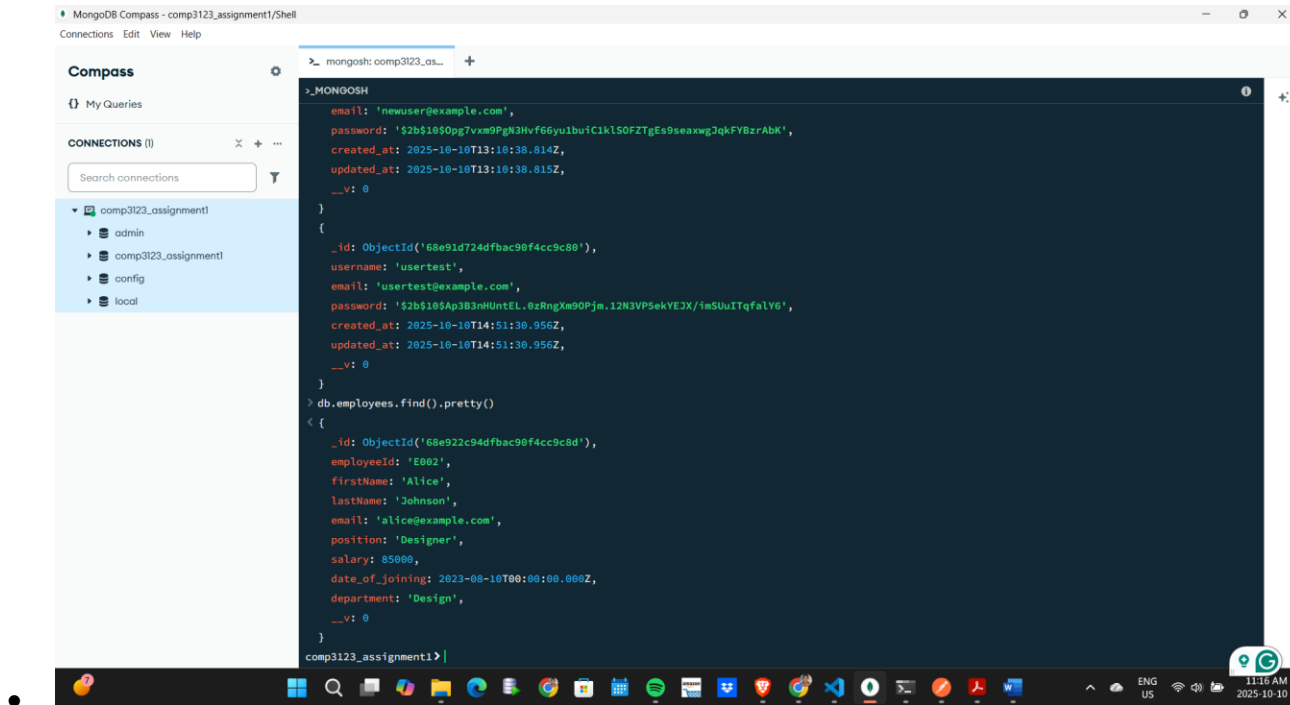


- **users collection:**



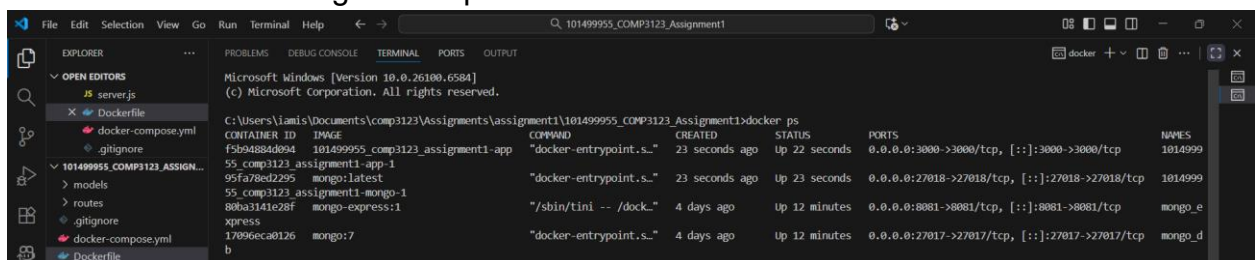
## 2. MongoDB database collection from MongoDB shell:





## Screenshots from docker deployment

1. Docker containers using docker ps command:



2. Running the mongodb shell using docker exec -it 101499955\_comp3123\_assignment1-mongo-1 mongosh command:

```

C:\Users\iamis\Documents\comp3123\Assignments\assignment1\101499955_comp3123_assignment1>docker exec -it 101499955_comp3123_assignment1-mongo-1 mongosh
Current Mongosh Log ID: 68f4e18aaf5e806e84ce5f46
Connecting to:      mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+2.5.8
Using MongoDB:      8.0.13
Using Mongosh:       2.5.8

For mongosh info see: https://www.mongodb.com/docs/mongodb-shell/

-----
The server generated these startup warnings when booting
2025-10-19T12:56:51.135+00:00: Using the XFS filesystem is strongly recommended with the WiredTiger storage engine. See http://dochub.mongodb.org/core/prodnotes-filesystem
2025-10-19T12:56:52.314+00:00: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted
2025-10-19T12:56:52.315+00:00: For customers running the current memory allocator, we suggest changing the contents of the following sysfsfile
2025-10-19T12:56:52.315+00:00: For customers running the current memory allocator, we suggest changing the contents of the following sysfsfile
2025-10-19T12:56:52.315+00:00: We suggest setting the contents of sysfsfile to 0.
2025-10-19T12:56:52.315+00:00: vm.max_map_count is too low
2025-10-19T12:56:52.316+00:00: We suggest setting swappiness to 0 or 1, as swapping can cause performance problems.
-----
```

3. Switching to comp3123\_assignment1 database and retrieving users and employees collection:

```

test> use comp3123_assignment1
switched to db comp3123_assignment1
comp3123_assignment1> db.users.find().pretty()
[
  {
    _id: ObjectId('68f4719aa53e02004f98d260'),
    username: 'testuser3',
    email: 'testuser3@example.com',
    dbName: 'comp3123_assignment1',
    created_at: ISODate('2025-10-19T05:05:30.340Z'),
    updated_at: ISODate('2025-10-19T05:05:30.342Z'),
    __v: 0
  }
]
comp3123_assignment1> db.employees.find().pretty()
[
  {
    _id: ObjectId('68f474aaa53e02004f98d265'),
    employeeId: 'E001',
    firstName: 'Alice',
    lastName: 'Johnson',
    email: 'alice@example.com',
    position: 'Designer',
    salary: 85000,
    date_of_joining: ISODate('2023-08-10T00:00:00.000Z'),
    department: 'Design',
    __v: 0
  }
]
comp3123_assignment1>
```

4. Screenshot of mongo containers on Docker:

<input type="checkbox"/>	101499955_con -	-	-	1.43%	395.92MB / 11.3Gi	6.81%	281			
<input type="checkbox"/>	mongo-1	95fa78ed2295	<a href="#">mongo:late 27018:27018</a>	1.25%	354.3MB / 5.68Gi	6.09%	226			
<input type="checkbox"/>	app-1	f5b94884d094	<a href="#">101499955 3000:3000</a>	0.18%	41.62MB / 5.68Gi	0.72%	55.9			



