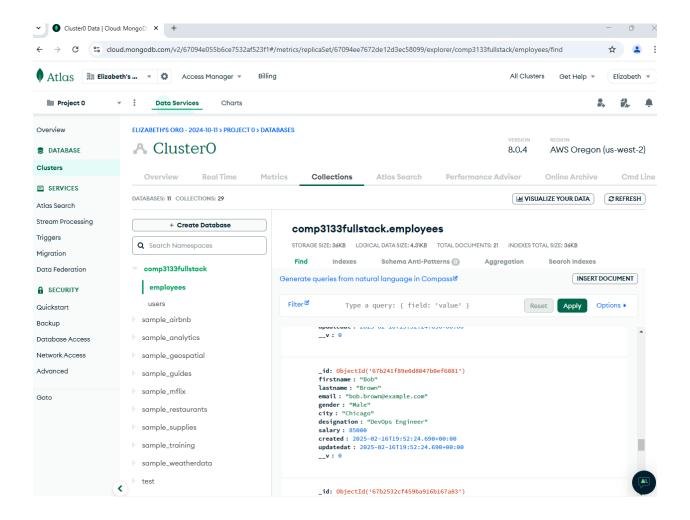
COMP 3133 – Full Stack Development – II Assignment – I

Submission Checklist:

Make single docx file with all labeled screenshots.

MongoDB Console Screenshots: o Provide screenshots of your MongoDB database showing collections.



2. Postman API Collection: o Export your Postman collection and include it in your submission.

✓ Submitted in D2L

4. Project ZIP File:

✓ Submitted in D2L

5. GitHub Project Link: Provide the link to your GitHub repository.

https://github.com/eliza2526/comp3133_assignment1

6. Sample User Detail: Include a sample user's details for testing login.

• username: user1 password: password1

• username: user2 password: password2

• username: newuser password: password123

o Add any comments or notes that could be helpful.

Employee Ids for CRUD Operations

- 67b1880b6e2a5d4d5d96f88a
- 67b2532cf459ba916b167a83
- 67b1880b6e2a5d4d5d96f88b
- 67b1880b6e2a5d4d5d96f88c
- 67b1880b6e2a5d4d5d96f88d
- 67b188e16e523fd9ee8c3819
- 67b191d9af7d514b043db89c

API endpoint

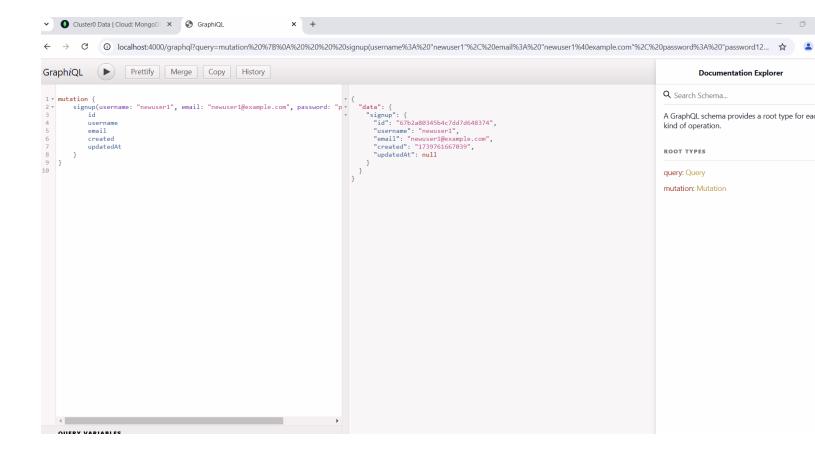
• http://localhost:4000/graphql

3. Screenshots: Include screenshots of each API being tested along with responses.

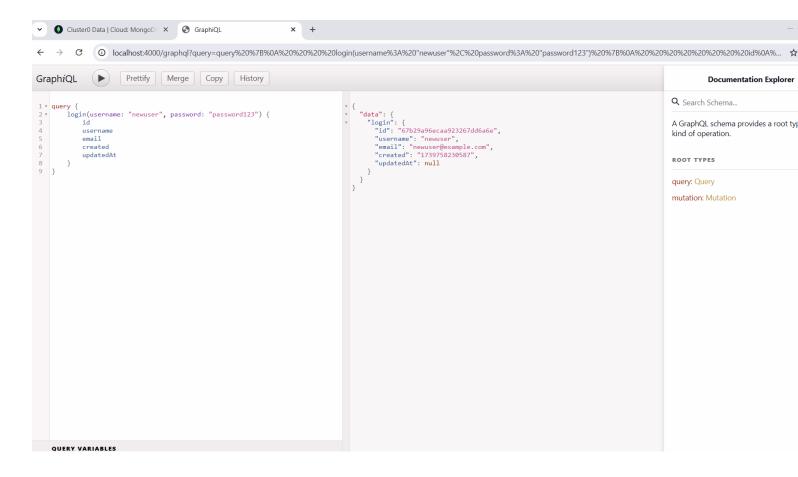
GraphQL Implementation

Following is the list of to develop which accept all data as JSON Object whenever needed:

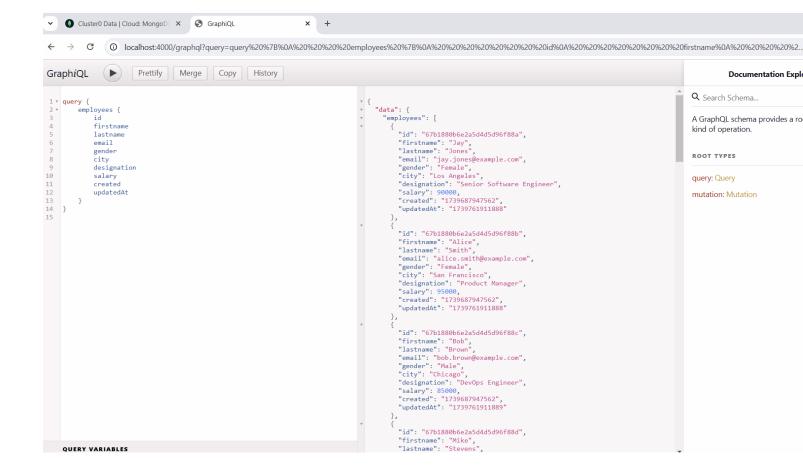
1 Mutation Signup Allow user to create new account



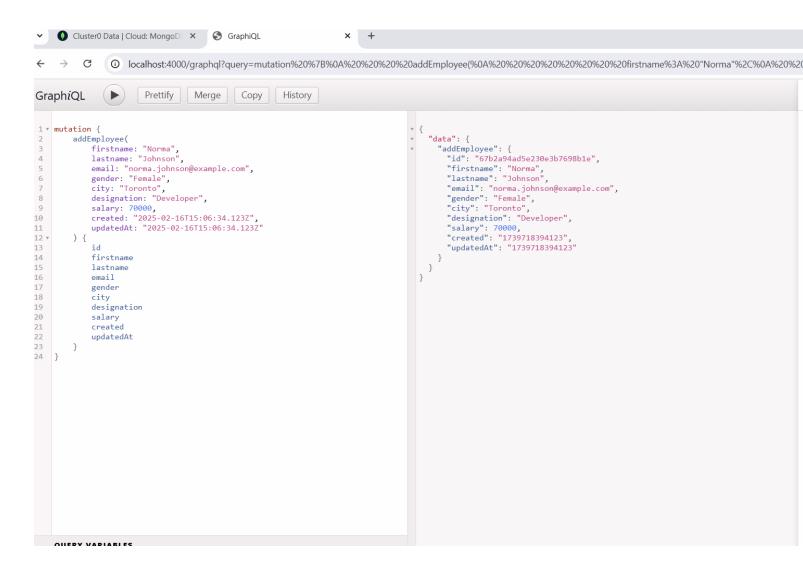
2 Query Login Allow user to access the system



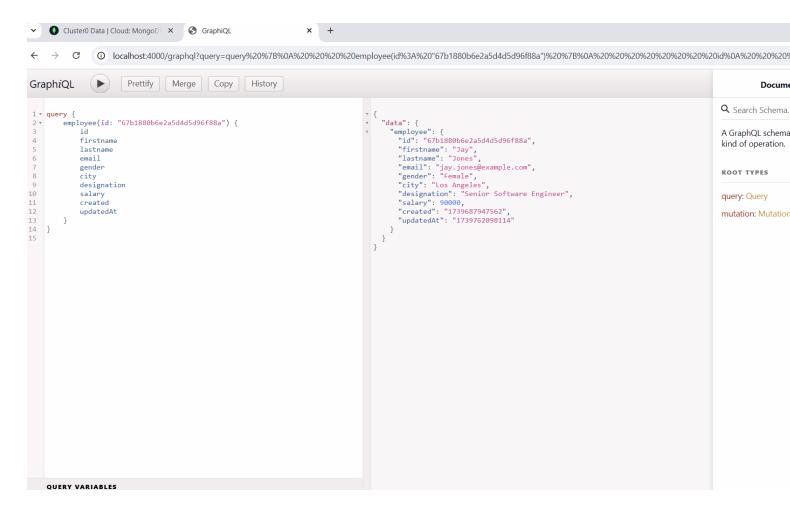
3 Query Get all employees User can get all employee list



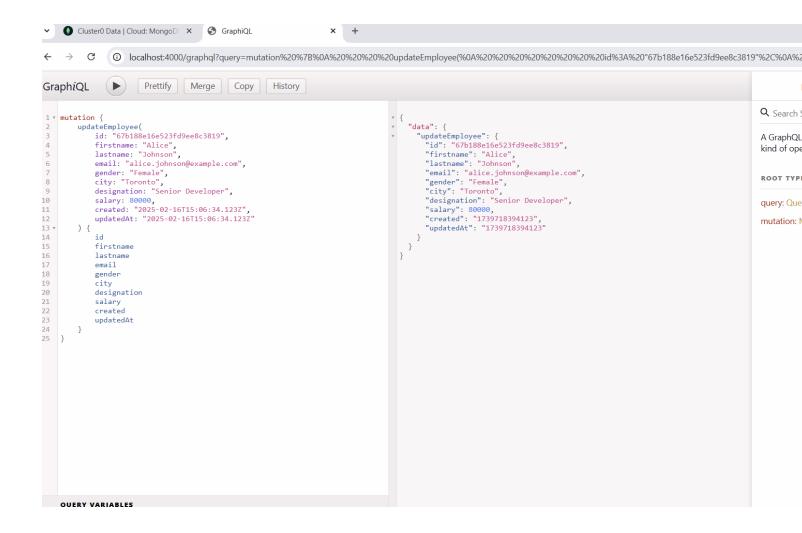
4 Mutation Add New employee User can create new employee



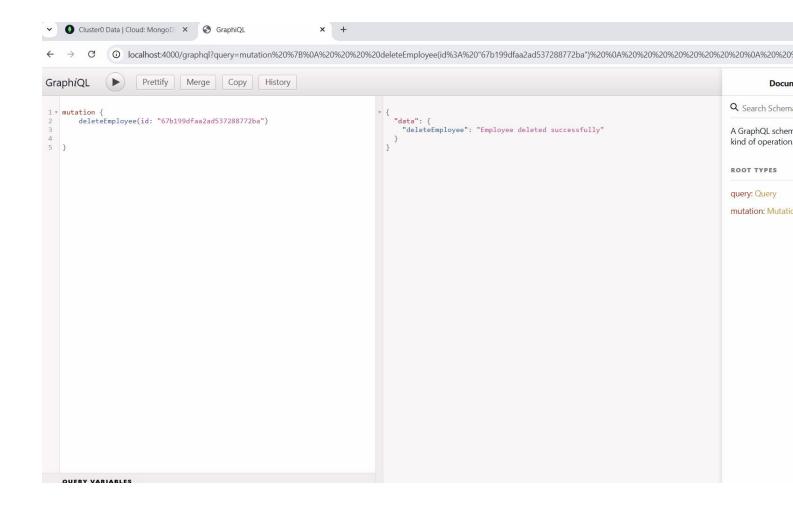
5 Query Search employee by eid User can get employee details by employee id



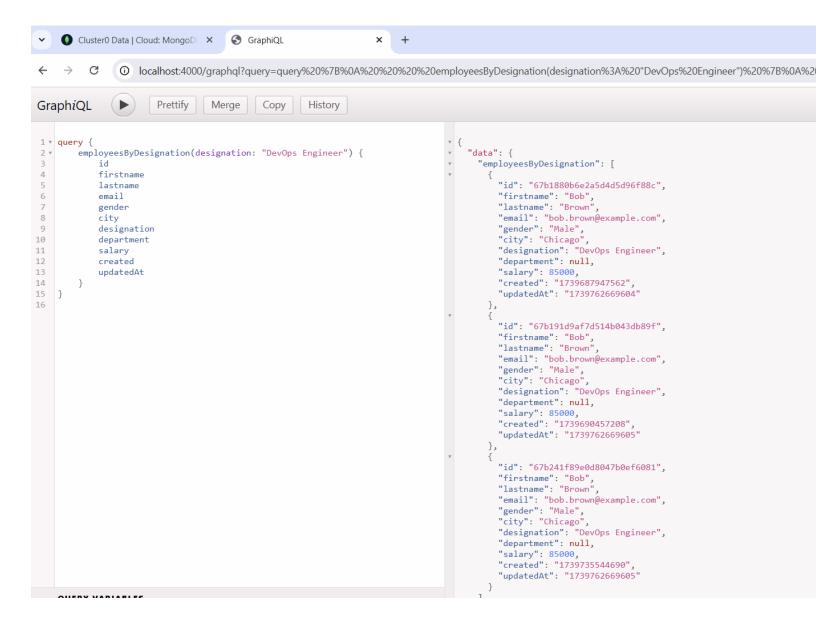
6 Mutation Update employee by eid User can update employee details



7 Mutation Delete employee by eid User can delete employee by employee id

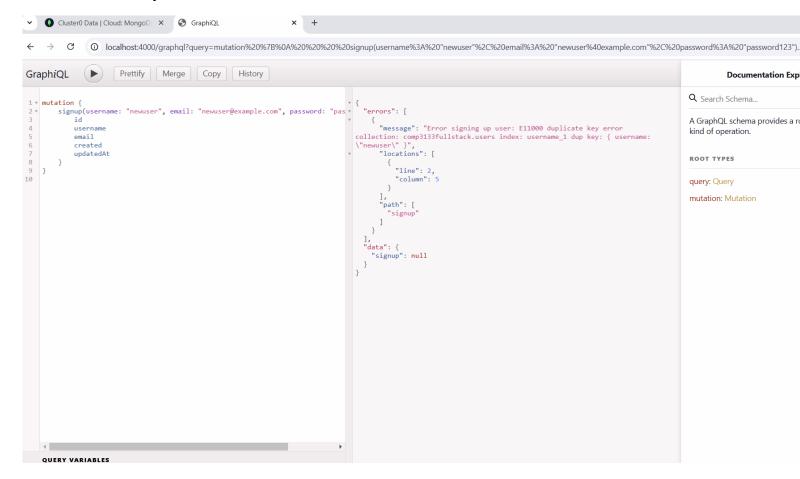


8 Query Search Employee by designation or department User can get employee list by designation or department

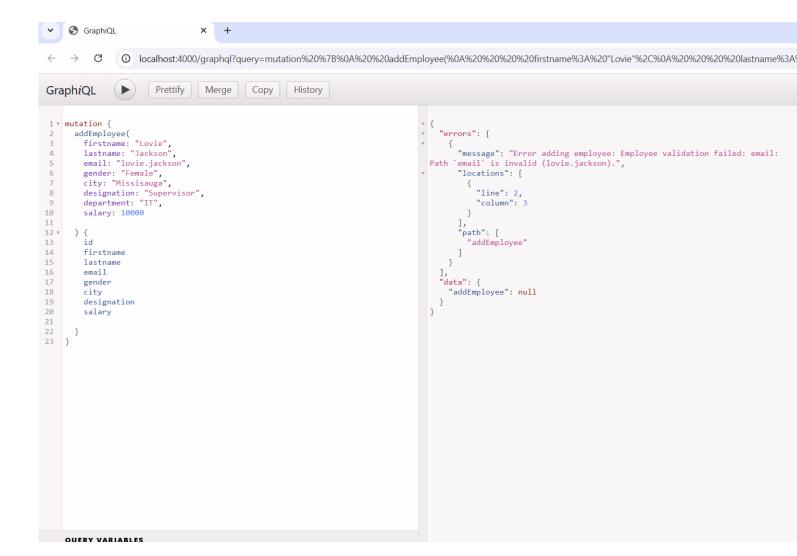


Validation Errors:

User already exists:



Email wrong format



Validation: salary less than zero

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× +
                                                                                       \hline \textbf{O} \quad localhost: 4000/graphql? query=mutation \%20\%7B\%0A\%20\%20 add Employee (\%0A\%20\%20\%20\%20\%20 first name \%3A\%20" Lovie" \%2C\%0A\%20\%20\%20 distname \%3A\%20" Jacks of the property of the p
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 mutation {
   addEmployee(
   firstname: "Lovie",
   lastname: "Jackson",
   email: "lovie.jackson@test.com",
   gender: "Female",
   city: "Missisauga",
   designation: "Supervisor",
   department: "IT",
   salary: -10000
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{
    "message": "Error adding employee: Employee validation failed: salary:
Path `salary` (-10000) is less than minimum allowed value (0).",
    "locations": [
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