

CBM Integrated Software Inc.

www.cbmis.com

PWA Full Stack Training (Build one app for any device)

Task 3:

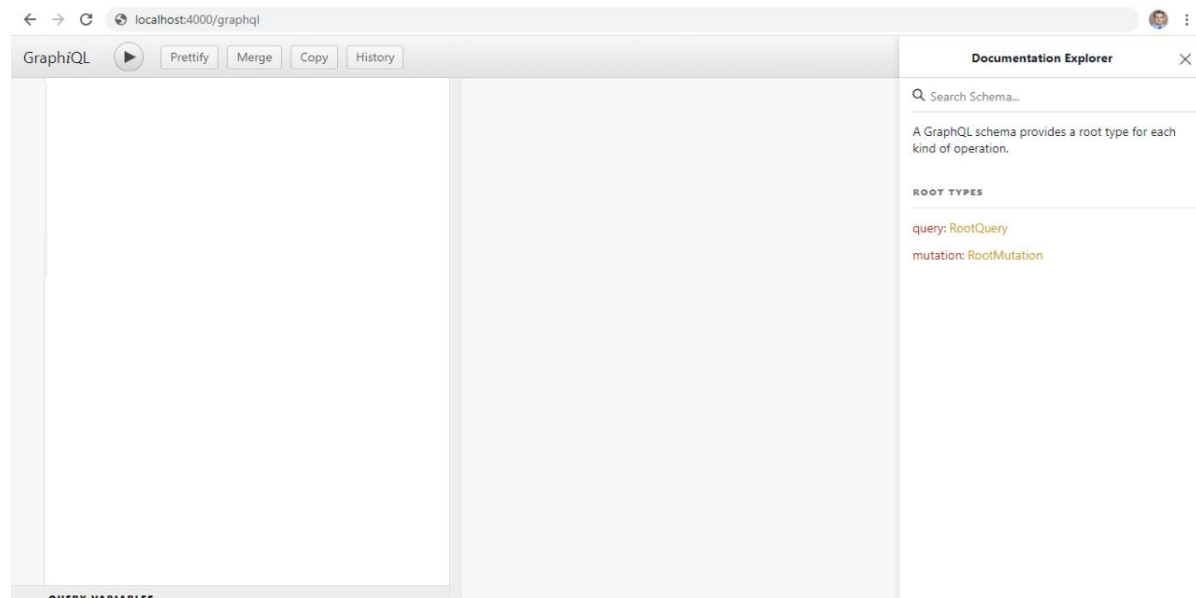
Build a Client-Application that request data/information from Server-Application.

Artifact 1 Duration: 7 Days

Artifact 2 Duration: 3 Days

Task Description:

In the previous task you built a ServerApp using Graphql service & sequelize Object Relational Mapper. In this task you will learn how to build a clientApp that uses the Fetch API to request data from the serverApp. Similar to the Grqphiql you used to test your Graphql queries & mutations:



Your clientApp should be fixable and it should allow the user to target any serverApp that uses Grapgql. The clientApp should also allow the user to provide any query or mutation, then it should print out the JSON response:

← → ↻ ⓘ localhost:3001

`http://localhost:4000/graphql`

```
query{
  queryName{
    queryField1
    queryField2
    queryField3
  }
}
```

Request

Result

Task Deliverables:

- 1- Create a zip folder that contains all your apps & source codes. Upload the folder to google drive and submit your google drive link of that folder.
- 2- Using (www.screencast-o-matic.com) record a video presentation explaining your codes and challenging you faces while working on this task.

Task Learning Outcome:

Upon successful completion of this task, you will be able to:

- 1- Understand the fundamentals of the Fetch API
- 2- Invoke GraphQL APIs from JavaScript client applications using regular HTTP requests
- 3- Handle the serverApp JSON response

Recommended Recourses:

- 1- https://developer.mozilla.org/en-US/docs/Web/API/Fetch_API
- 2- https://www.w3schools.com/js/js_json_intro.asp
- 3- <https://www.youtube.com/watch?v=Oive66jrwBs>