Lab 12 - Library app

1. Create a server using express
2. Using POST method post following data to the cloud based mongodb atlas Data Schema:

{

1. Book Name
2. Name of Issuer (student)
3. Due Date

}

1. Make an entry of 5 issue of books in a mongodb database using POST method
2. Post your application on GitHub
3. Include following files (as a pdf):
   * app.js
   * schema.js
   * .http (file for performing POST request)
   * Screenshot of database (5 entries)

**app.js**

const express = require("express") const app = express()

const mongoose = require("mongoose") const url =

"mongodb+srv://Kamran:Snowy5591@cluster0.yrg0q.mongodb.net/Library\_Data?retryW rites=true&w=majority"

const mySchema = require('./schema');

mongoose.connect(url).then(() => console.log("connected to Database")) app.use(express.json())

app.post("/add-new-student", async(req, res) => {

const mybook = req.body.Book; const myname = req.body.Name; const mydue = req.body.Due;

try {

const newproject = new mySchema({ Book: mybook,

Name: myname, Due: mydue

})

const savedproject = await newproject.save()

res.json({ "message": "Student is saved", "data": savedproject })

} catch (err) { res.json(err);

}

})

app.use("/", (req, res) => {

//res.send("Hello");

res.json({ "message": "Express server started" })

})

app.listen(3001, () => console.log("Express Server Strarted"))

**schema.js**

//import mongoose from 'mongoose'; const mongoose = require("mongoose") const { Schema } = mongoose;

const studentSchema = new Schema({ Name: String,

Book: String, Due: String

});

module.exports = mongoose.model("firstmongoose", studentSchema, "Library\_Data")

**.http (file for performing POST request)**

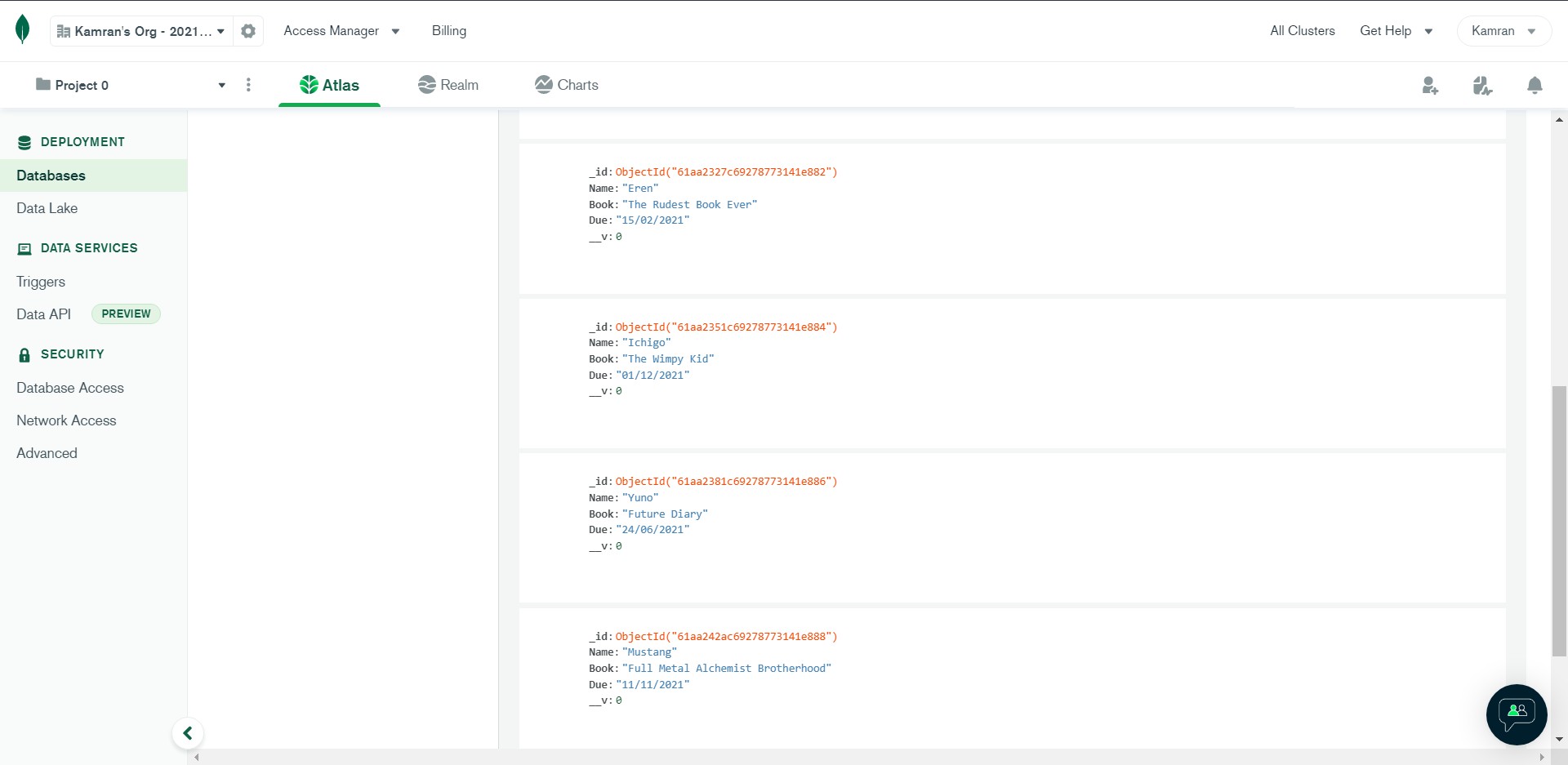
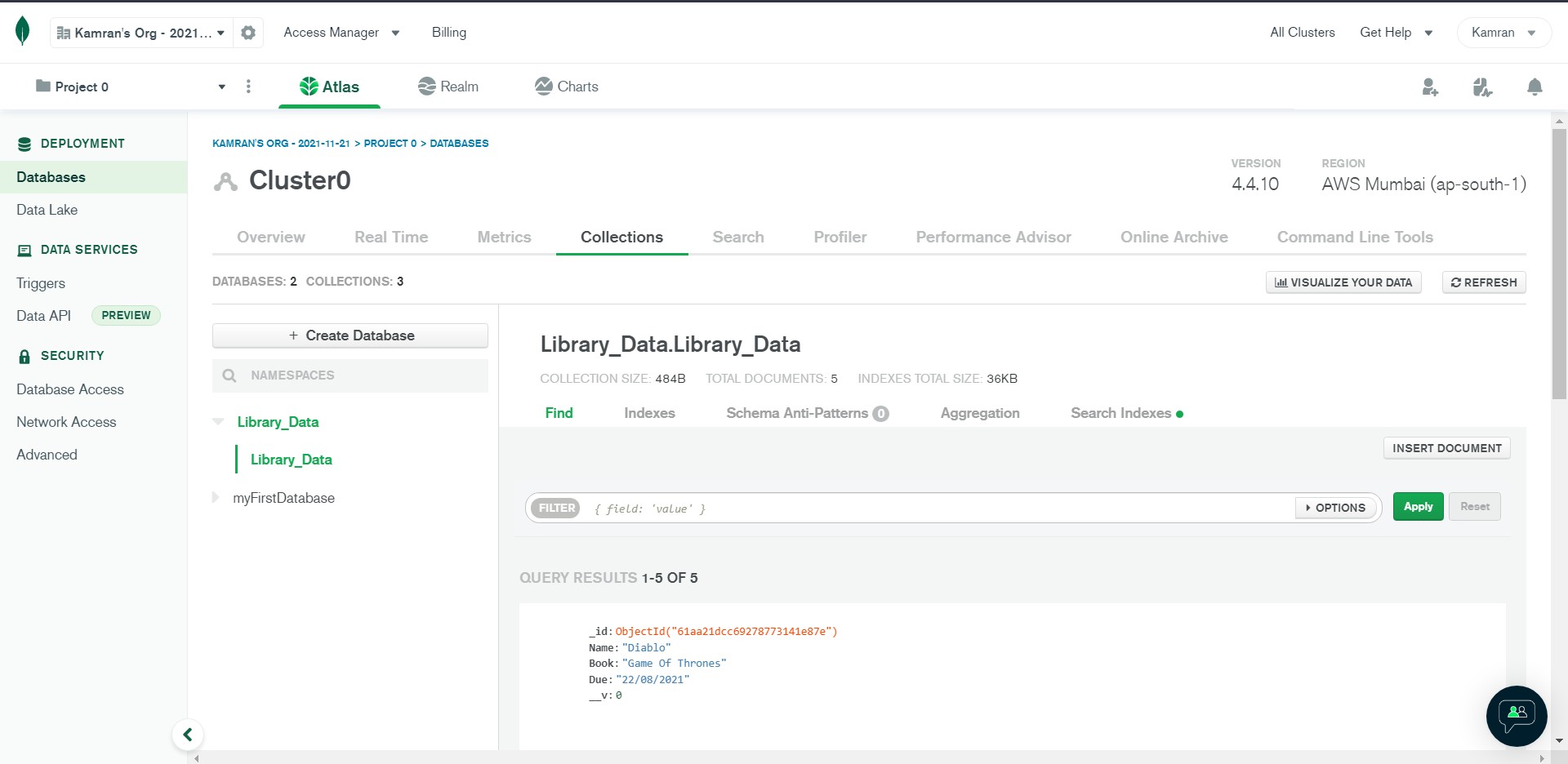
POST http://localhost:3001/add-new-student Content-Type: application/json

{

"Name":"Diablo", "Book":"Game Of Thrones", "Due":"22/08/2021"

}

**Screenshot of database (5 entries)**



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**GitHub Repo:**