

## Tutorial-05

### Hosting CRUD API on Heroku with Mongo Cluster database

**Note: You need to submit live working url as a part of assignment submission**

1. Create a database of your choice with at least 2 collections on the mongo cluster.

Note: Collections should be different from your classmates.

2. Create a NodeAPI to perform CRUD operations on the above created collections for the data stored on mlab cluster.
3. Host the same project on Heroku and need to present the same.

```
var express = require('express')
var router = express.Router();
var Movie = require('./Model/movie')

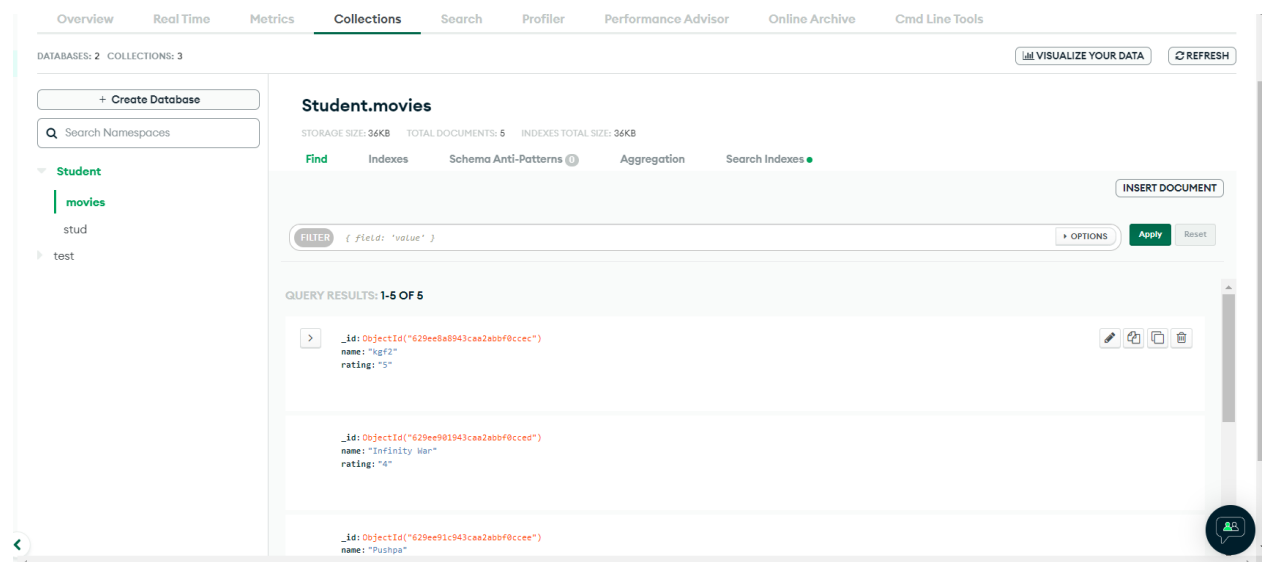
router.get("/movies", async(req, res) => {
  const iMovie = await
  Movie.find();
  res.send(iMovie);
});

//Update Specific Record
router.patch("/movies/:id", async(req, res) => {
  const iMovie = await Movie.findOne({_id: req.params.id});
  iMovie.name = req.body.name;
  iMovie.rating = req.body.rating;

  await iMovie.save((err, msg) => {
    if(err) {
      res.status(500).json({
        "err": err
      })
    } else {
      res.status(200).json({
        "message": msg
      })
    }
  })
}
```

```
    })
  })

router.delete("/movies/:id", async(req, res) => {
  await Movie.deleteOne({ _id: req.params.id }, (err, msg) => {
    if (err) {
      res.status(500).json({
        "err": err
      })
    } else {
      res.status(200).json({
        "message": msg
      })
    }
  })
})
})
```



Overview Real Time Metrics Collections Search Profiler Performance Advisor Online Archive Cmd Line Tools

DATABASES: 2 COLLECTIONS: 3

+ Create Database

Search Namespaces

Student

movies

stud

test

Student.movies

STORAGE SIZE: 36KB TOTAL DOCUMENTS: 5 INDEXES TOTAL SIZE: 36KB

Find Indexes Schema Anti-Patterns Aggregation Search Indexes

INSERT DOCUMENT

FILTER { field: "value" } OPTIONS Apply Reset

QUERY RESULTS: 1-5 OF 5

> { "\_id": "ObjectId('629ee8a8943caa2abbf0ccce')", "name": "kgf2", "rating": "5" }

{ "\_id": "ObjectId('629ee901943caa2abbf0cccd')", "name": "Infinity War", "rating": "4" }

{ "\_id": "ObjectId('629ee91c943caa2abbf0ccce')", "name": "Pushpa" }

App connected to GitHub  
Code diffs, manual and auto deploys are available for this app.

Connected to [VirajRanpara/TestHost](#) by [VirajRanpara](#) [Disconnect...](#)

Releases in the [activity feed](#) link to GitHub to view commit diffs

Automatic deploys  
Enables a chosen branch to be automatically deployed to this app.

You can now change your main deploy branch from "master" to "main" for both manual and automatic deploys, please follow the instructions [here](#).

Enable automatic deploys from GitHub

Every push to the branch you specify here will deploy a new version of this app. **Deploys happen automatically**; be sure that this branch is always in a deployable state and any tests have passed before you push. [Learn more](#).

Choose a branch to deploy

main

☐ Wait for CI to pass before deploy

Only enable this option if you have a Continuous Integration service configured on your repo.

Enable Automatic Deploys

Manual deploy

Deploy the current state of a branch to this app.

Deploy a GitHub branch

This will deploy the current state of the branch you specify below. [Learn more](#).

Choose a branch to deploy

main

Deploy Branch

RKU CanvasGmailYouTubeSwiftERPNCETLOGOJSON ANDROIDWallpapers Access

[[{"\_id": "629ee8a8943caa2abbf0ccce", "name": "kgf2", "rating": 5}, {"\_id": "629ee901943caa2abbf0cced", "name": "Infinity War", "rating": 4}, {"\_id": "629ee91c943caa2abbf0ccee", "name": "Pushpa", "rating": 3}, {"\_id": "629ee98a943caa2abbf0ccf0", "name": "3 Idiot", "rating": 5}, {"\_id": "62b548862ad7e5f8fe5a6f8", "name": "movie", "rating": 4, "\_\_v": 0}, {"\_id": "62b6cc9de085a788f8c5539c", "name": "Hello minni", "rating": 4, "\_\_v": 0}]]