

Date : 1st - Dec- 2020

Morning Session : 9am – 11.00 PM

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Topics: UI With Rest

MongoDB Atlas — MongoDB Atlas

Create atlas account → create new cluster → choose AWS Server → choose region Mumbai → cluster tier → Cluster Name → create Cluster.

DEVELOPERFUNNEL > TESTAPP

Clusters

Create a New Cluster

Find a cluster...



Create Database → and connect with cluster

```
const express = require('express');
const app = express();
const port = process.env.PORT || 9900;
const mongo = require('mongodb');
const MongoClient = mongo.MongoClient;
const bodyParser = require('body-parser');
const cors = require('cors');
//const mongourl = "mongodb://localhost:27017";
const mongourl = "mongodb+srv://admin:mongo@123@cluster0.f8vmc.mongodb.net/testdb?retryWrites=true&w=majority"
```

Push the code to github → and deploy to Heroku

Making connect to UI we need to install EJS

```
let db;
let col_name="users";

app.use(cors());
app.use(bodyParser.urlencoded({extended:true}));
app.use(bodyParser.json());
app.use(express.static(__dirname+'/public'));
app.set('views', './src/views');
app.set('view engine','ejs')
```

When ur connecting with ui ur code have to be change

- 1) On the slash it is going to your 1st page.
- 2) Add the user

```
//health Check
app.get('/',(req,res) => {
  db.collection(col_name).find({isActive:true}).toArray((err,result) => {
    if(err) throw err;
    res.render('index',{data:result})
  })
});

app.get('/new',(req,res) => {
  var random = Math.floor(Math.random()*10000);
  res.render('admin',{id:random})
})
```

We have a data to post, whatever data we have we have to construct

```
//getUser
app.get('/users',(req,res) => {
  var query={}
  if(req.query.city){
    query={city:req.query.city,isActive:true}
  }else if(req.query.id){
    query={_id:Number(req.query.id),isActive:true}
  }else{
    query = {isActive:true}
  }
  db.collection(col_name).find(query).toArray((err,result) => {
    if(err) throw err;
    res.status(200).send(result)
  })
});
```

Please go through the Recorded Lecture For Code Implementation.