## Step 1:Install the Dependency and create file structure:-

i) npm i express jsonwebtoken bcrypt body-parser dotenv mongoose joi cors

express =for framework

jsonwebtoken = for JW token

bcrypt = Encryption and Decryption of password

body-parser = Allowing body request to the server

dotenv = Managing environment variable.

mongoose = Managing database connection and DB operations

joi = Managing server-side validation

cors = Allowing other port request to our server.

ii) npm install -g nodemon

To check the version “nodemon --version”

iii)Add Scripts in “package.json” file.

"scripts": {

    "start": "nodemon index.js"

  },

iv)Create 3 folders.



Step 2 : Connect to the DB:

i)Create db.js in Models folder.

ii)Go to the <https://cloud.mongodb.com/>

Create new organisation.

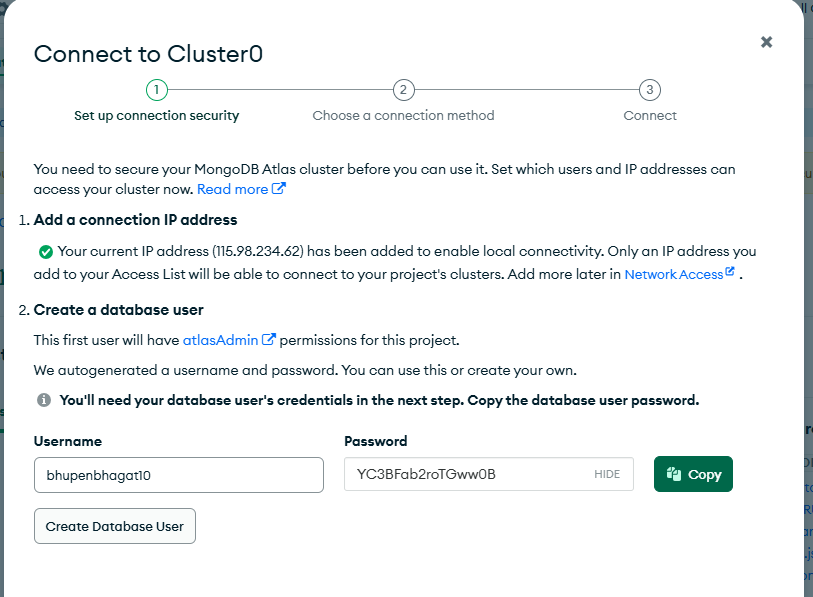
Create new project init “TestStocker”.

Create new cluster.

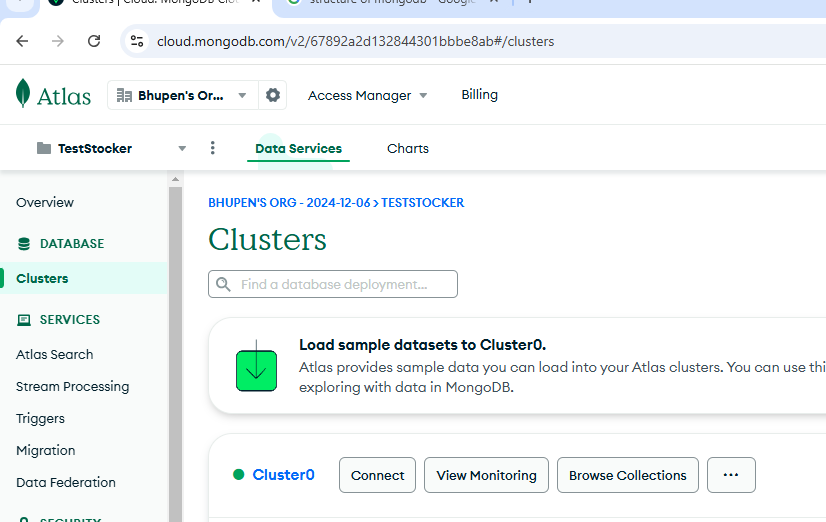
Username: bhupenbhagat10

Password: YC3BFab2roTGww0B

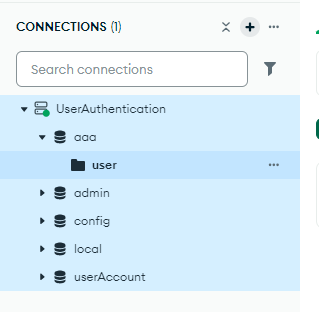
Connectionstring: mongodb+srv://bhupenbhagat10: YC3BFab2roTGww0B @cluster0.a4qkw.mongodb.net/



iii)Click on Browse collections



iv)Start mongo compass and login to DB with connection string.



**Joi** is a powerful JavaScript library for schema validation. It allows you to define schemas for your data and validate objects, arrays, or other types against these schemas. Joi is often used in Node.js applications to validate request payloads, ensuring the data meets the required format before processing.

To install it:-

npm install joi