DEV CONNECTOR

INITIATION

DATABASE

* Created MongoDB atlas account ( Cloud based

NoSQL database ) and created a project and then created a cluster.

* IP address whitelisting is done in order to restrict others from accessing the DB and a database user is created.
* CONECTION STRING is provided which can be used to connect our database with our application.

MAIN APP SETUP

* (.gitignore) file is create to exclude some files and folders from pushing into the git repository
* MAIN PROJECT FOLDER IS INITIALISED as a git repository ( git init )
* PACKAGE.JSON file is created that contains all the dependencies and some scripts to ease the work ( npm init )
* Some packages are installed using npm ( node package manager ) that are required in building the project : npm i express // (server) following are some other regular dependencies
* Express-validadtor, bcryptjs, mongoose, jsonwebtoken, config, gravatar
* Some devDependencies are installed that helps in development are : npm i -D nodemon concurrently
* Nodemon – helps in reflecting the changes directly after saving the code to the web page
* Concurrently is used to run multiple scripts at a time
* REMOTE REPOSITORY is created and connected with the local repo so as to push the changes to the online remote repo ( git remote add origin repo\_link) // git branch -M master // git push -u origin master

DEVELOPMENT

* Server.js file is created and basic express app is developed to check the api running on the given port number .
* const express = require('express');
* const app = express();
* const PORT = process.env.PORT || 5000;
* app.get('/', (req, res) => res.send('API RUNNING'));
* app.listen(PORT, () => console.log(`SERVER  RUNNING AT ${PORT}`);

After running the server ( npm run server ) the api is checked on either POSTMAN or browser.

http://localhost:5000

( changes are saved in local repository

Git add .

Git commit -m ‘initial commit’ then pushed to online repository )

>> DATABASE CONNECTED AND CHECKED

const mongoose = require('mongoose');

const config = require('config');

const db = config.get('mongoURI');

var connectDB = async () => {

  try {

    await mongoose.connect(db, {

      useNewUrlParser: true,

      useUnifiedTopology: true,

    });

    console.log('DATABASE CONNECTED');

  } catch (err) {

    console.log(err.message);

    //exit process with failure

    process.exit(1);

  }

};

module.exports = connectDB;

>> ROUTES CREATED FOR USERS,AUTHENTICATION,PROFILE AND POSTS

const express = require('express');

const router = express.Router();

// @route           GET api/users

// @description     Test route

// @access          Public

router.get('/', (req, res) => res.send('USER ROUTE WORKING'));

module.exports = router;

>>ROUTES UPDATED ON MAIN SERVER.JS FILE

And then checked on browser

const express = require('express');

const connectDB = require('./config/db');

const app = express();

const PORT = process.env.PORT || 5000;

connectDB();

app.get('/', (req, res) => res.send('API RUNNING'));

// defining routes

app.use('/api/users', require('./routes/api/users'));

app.use('/api/auth', require('./routes/api/auth'));

app.use('/api/posts', require('./routes/api/posts'));

app.use('/api/profile', require('./routes/api/profile'));

app.listen(PORT, () => console.log(`SERVER  RUNNING AT ${PORT}`));