I-Notebook

1. Create an app

PS D:\Workspace\React> npx create-react-app inotebook

1. Create a folder named backend for node.js
2. Open terminal
3. Fire command and answer the questions

$npm init

1. Now install packages like express, mongoose and nodemon

$npm i express

$npm i mongoose

$npm i nodemon

1. Now creating models for user and notes
2. Create folder models
3. Create user model

//user.js

const mongoose = require('mongoose');

const userSchema = new Schema({

    name: {

        type: String,

        required: true,

    },

    email: {

        type: String,

        required: true,

        unique: true,

    },

    password: {

        type: String,

        require: true,

    },

    time: {

        type: Date,

        default: Date.now

    },

});

module.exports = mongoose.model('user', userSchema);

1. Create notes model

//notes.js

const mongoose = require('mongoose');

const notesSchema = new Schema({

    title: {

        type: String,

        required: true,

    },

    desciption: {

        type: String,

        required: true,

    },

    tag: {

        type: String,

        default: "general",

    },

    time: {

        type: Date,

        default: Date.now

    },

});

module.exports = mongoose.model('notes', notesSchema);

1. Now create a mongo connection

//db.js

const mongoose = require('mongoose');

const url = "mongodb://localhost:27017/"; // copy url from mongo compas

const connectToMongoose = () => {

    mongoose.connect(url).then(() => {

        console.log("connected to mangoose successfuly!");

    }).catch((err) => console.log(err));

}

module.exports = connectToMongoose;

1. Create index.js

//index.js

const express = require('express');

const connectToMongoose = require('./db');

const app = express();

const port = 3000;

connectToMongoose();

app.get('/', () => {

    console.log("hello");

})

app.listen(port, () => {

    console.log(`app is listening at port http://localhost:${port}`)

});

1. Now add a script to run file index.js edit package.json

"scripts": {

    "test": "echo \"Error: no test specified\" && exit 1",

    "start": "nodemon index.js" //this is means ‘npm start’ to run project

  },