npm install express-generator –g

express --view=ejs n1

cd n1

npm install

directory structure

set DEBUG=n1:\* & npm start

<http://localhost:3000>

trace the route, view model, template

template rendering syntax (alligator brackets)

npm install body-parser

// in app.js

var bodyParser = require('body-parser');

// just before cookie parser

app.use(bodyParser.json());

app.use(bodyParser.urlencoded({ extended: false }));

npm install --save-dev nodemon

modify package.json:

"scripts": {

"start": "node ./bin/www",

"devstart": "nodemon ./bin/www"

},

SET DEBUG=n1:\* & npm run devstart

Function callback design, error first

<https://cloud.mongodb.com/user#/atlas/register/accountProfile>

<https://developer.mozilla.org/en-US/docs/Learn/Server-side/Express_Nodejs/mongoose>

npm install mongoose

// before indexrouter

var mongoose = require('mongoose');

var mongoDB = 'mongodb://ews1-user:ews1-user1@empower18-ws1-shard-00-00-pgyeb.mongodb.net:27017,empower18-ws1-shard-00-01-pgyeb.mongodb.net:27017,empower18-ws1-shard-00-02-pgyeb.mongodb.net:27017/db1?ssl=true&replicaSet=empower18-ws1-shard-0&authSource=admin&retryWrites=true';

dbOptions = {

keepAlive: 1000,

connectTimeoutMS: 30000,

native\_parser: true,

auto\_reconnect: false,

poolSize: 10

};

mongoose.connect(mongoDB, dbOptions);

mongoose.Promise = global.Promise;

const db = mongoose.connection;

db.on('error', (err) => {

console.log(err);

});

db.once('open', (err) => {

if (err) {

console.log(err);

}

// else {

// console.log("SUCCESSFUL DB CONNECTION", db);

// }

});