Final Project server.js file

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| --- |
| const bodyParser = require('body-parser') // turns response into usable format |
|  | //const cors = require('cors') // allows/disallows cross-site communication |
|  | //const morgan = require('morgan') // logs requests |
|  | const pg = require('pg'); |
|  | const express = require('express'); |
|  | const app = express(); |
|  |  |
|  | const PORT = process.env.PORT || 4000; |
|  |  |
|  | //Setting up the views, Configure application |
|  | app.use(bodyParser.urlencoded({ //avtivate get for body-parser |
|  | extended: true |
|  | })); |
|  | app.use(express.static('public')); |
|  | app.get('/', (request, response) => { |
|  | response.json({ info: 'Node.js, Express, and Postgres WomenTech' }) //Look for a get req in the root. |
|  | }); |
|  |  |
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|  |  |
|  | //Connect to Postgress database |
|  | let options = { |
|  | user: 'postgres', |
|  | host: 'localhost', |
|  | database: 'Tech', |
|  | password: 'geidy', |
|  | port:5433 |
|  | } |
|  |  |
|  | //Using pools |
|  | var db = new pg.Pool(options); |
|  | //Conection using created pool |
|  | db.connect() |
|  | .then( res => console.log('connected to database')) |
|  | .catch( err => console.log(err)); |
|  |  |
|  | // query = "SELECT \* From WomenTech WHERE interest = 'React'"; |
|  | // //console.log(err); |
|  | // client.query(query) |
|  | // .then(res => { |
|  | // for(var i = 0; i < resizeBy.rowCount; i++){ |
|  | // console.log(res.rows[i].FirstName + " " + res.rows[i].LastName + " " + res.rows[i].interest)} |
|  |  |
|  | // } |
|  | // ) |
|  | // .catch(e => console.error(e.stack)); |
|  | // }); |
|  | //Get information from a form an update database |
|  | app.get('/getNewInfo'), function(req, res){ |
|  |  |
|  | } |
|  |  |
|  |  |
|  |  |
|  | //Get method to access database and return results for users with same interes(in Json) |
|  | app.get('/search/:interest', function(req, response){ |
|  | console.log('getting a request'); |
|  | db.query("Select \* from \"WomenTech\" WHERE \"Interest\" LIKE '%React%'", |
|  | function(err, res, fields){ |
|  | if(err) throw err; |
|  | console.log(res.rows); |
|  | // var data = []; |
|  | // for(i=0;i<rows.length;i++){ |
|  | // data.push(rows[i].FirstName + " " + rows[i].LastName + " " + rows[i].interest); |
|  | // } |
|  | response.send(res.rows); |
|  | // res.end(JSON.stringify(data)); |
|  | }); |
|  | }); |
|  |  |
|  | //Post method to access database and get results for equal interest |
|  | app.post('/search', function(req, res){ //POST method to access DB and return results in JSON |
|  | db.query('SELECT \* FROM WomenTech WHERE Interest LIKE "%' + req.params.interest + '%"', |
|  | function(err, rows, fields){ |
|  | if(err) throw err; |
|  | var data = []; |
|  | for(i=0;i<rows.length;i++){ |
|  | data.push(rows[i].FirstName + " " + rows[i].LastName + " " + rows[i].Email); |
|  | } |
|  | res.end(JSON.stringify(data)); |
|  | console.log(req.params.input); |
|  | }); |
|  | }); |
|  |  |
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|  |  |
|  | // frontend: axios.get(;='localhost:4000/getWome--/) |
|  | const getWomenInterest = {}; |
|  | app.get('/getWomenInterest/:interest', function(request, response) { |
|  | // database calls (queries) |
|  |  |
|  | //respond to the request |
|  | response.send('hey') |
|  | }); |
|  |  |
|  | app.listen(4000, function() { |
|  | console.log('listening on port 4000'); |
|  | }) |
|  |  |
|  |  |
|  | //pool shutdown  Main.js   |  | | --- | | const getData = (request, respond, db) => { | |  | db.select('\*').from('WomenTech') | |  | .then(items => { | |  | if(items.length){ | |  | res.json(items) | |  | console.log(res.rows.FirstName + res.rows.LastName + res.rows.Interest) | |  | } else { | |  | res.json({dataExists: 'false'}) | |  | } | |  | }) | |  | .catch(err => res.status(400).json({dbError: 'db error'})) | |  | } | |  |  | |  | const postData = (request, respond, db) => { | |  | const { id, FirstName, LastName, Email, Image, Location, Interest } = req.body | |  | const added = new Date() | |  | db('WomenTech').insert({id, FirstName, LastName, Email, Image, Location, Interest}) | |  | .returning('\*') | |  | .then(item => { | |  | res.json(item) | |  | }) | |  | .catch(err => respond.status(400).json({dbError: 'db error'})) | |  | } | |  |  | |  | const putData = (request, respond, db) => { | |  | const { id, FirstName, LastName, Email, Image, Location, Interest } = req.body | |  | db('WomenTech').where({id}).update({FirstName, LastName, Email, Image, Location, Interest}) | |  | .returning('\*') | |  | .then(item => { | |  | res.json(item) | |  | }) | |  | .catch(err => res.status(400).json({dbError: 'db error'})) | |  | } | |  |  | |  | module.exports = { | |  | getData, | |  | postData, | |  | putData | |  | } | |