

Program 3

Due Dec 6, 2021 by 11:59pm

Points 50

Submitting a website url or a file upload

Available Nov 22, 2021 at 11:59pm - Dec 8, 2021 at 11:59pm 16 days

This assignment was locked Dec 8, 2021 at 11:59pm.

Aim

In this assignment you will set up a web server to connect to the Company database using Node.js. Use the engr MariaDB database and the ENGR servers to host your website coded in Node.js.

Deliverable

The deliverable for this is a website implemented in Node.js that:

- Displays the first name, last name, salary and department number of employees that work at "The Company".
- Has the capability of filtering employees by the project they work on. List the project number, name and location for the resulting filter.
- Has the capability of searching for employees by first names. List Searching String above table.
- Has the webpage title of "Program 3", heading "Company Database" and your name at the bottom of the webpage.

You can use the starter files [Starterfiles.zip](#) or [cs340_sample_nodejs_app-master.zip](#) the files given for the bsg-webapp.

You will need to :

- Modify the dbcon.js file by adding your user information and password.
- Modify or write code to implement the functionality listed above.
- Add a css file. (It can look different that the one below)
- Run forever start on the main.js file.

Should look something like this:

Company Database

Current Employees:

First Name	Last Name	Salary	Dno
John	Smith	40000	5
Franklin	Wong	40000	5
Joyce	English	40000	5
Ramesh	Narayan	38000	5
James	Borg	66000	1
Jennifer	Wallace	51600	4
Ahmad	Jabbar	30000	4
Alicia	Zelaya	60000	4

Filter Employees by Project: Computerization Filter Clear Filters

Search all employees for first names starting with: Search

by Your onidname

Company Database

Current Employees:

Project 10: Computerization located in Corvallis

First Name	Last Name	Salary	Dno
John	Smith	480480	5
NewGuy	New	60000	2
Franklin	Wong	617760	5
Joyce	English	604032	5
Ahmad	Jabbar	133100	4

Filter Employees by Project: Computerization Filter Clear Filters

Search all employees for first names starting with: Search

by coffmaju

Company Database

Current Employees:

Search by first name starting with 'J'

First Name	Last Name	Salary	Department
John	Smith	480480	5
Joyce	English	604032	5
James	Borg	330000	1

Filter by Project Computerization Filter

Search employee for first name starting with: Search

Clear Filters

by coffmaju

What to Submit?

Code in a zip file (do not include the node_modules) and URL. You will need to run forever and the URL will look something like <http://flip2.engr.oregonstate.edu:5512/>

How should I start ?

You can follow the [Node.js](#) guide in this module as a review of basic Node.js database set-up from CS 290. Be sure to run the server using Forever so that we can still access it after you have closed your SSH connection. Also watch the [videos](#) about Javascript and Node.js

Program 3									
Criteria	Ratings								Pts
List Employee's Fname, LName, Salary, Dno	10 pts Full Marks	8 pts minor error		4 pts major error		0 pts No Marks		10 pts	
Filter Employee's by Project	10 pts Full Marks	9 pts Missing (1 item) project number, name or location in header after filtering	8 pts missing 2 items	7 pts missing 3 items	4 pts does not filter correctly	2 pts does not display/error	0 pts No Marks	10 pts	
Search by First Name	10 pts Full Marks	8 pts missing search string value in header		4 pts Does not filter correctly		2 pts does not display	0 pts No Marks	10 pts	
Clear filter or Reset button(s)	5 pts Full Marks	4 pts not a button	2 pts Button does not display all employees when clicked				0 pts missing	5 pts	
CSS	3 pts Full Marks		2 pts Missing CSS on some pages				0 pts missing		3 pts
onid username / name in footer.	2 pts Full Marks				0 pts No Marks				2 pts
URL using forever	2 pts Full Marks				0 pts No Marks				2 pts
Node.js code	8 pts Full Marks				0 pts No Marks				8 pts
Total Points: 50									

Submission

✓ **Submitted!**

Dec 5, 2021 at 3:57pm


[Submission Details](#)

[Download](#)

[tongsaka_program3.zip](#)

Grade: 48 (50 pts possible)

Graded Anonymously: no

 [View Rubric Evaluation](#)

Comments:

http://flip2.engr.oregonstate.edu: 5688/

Andrea Tongsak, Dec 5, 2021 at 3:57pm