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Task: databases lab 7

Documentation:

So to display all the employees in frontend, we have this in employeesRoutes.js,

A screen shot of a computer

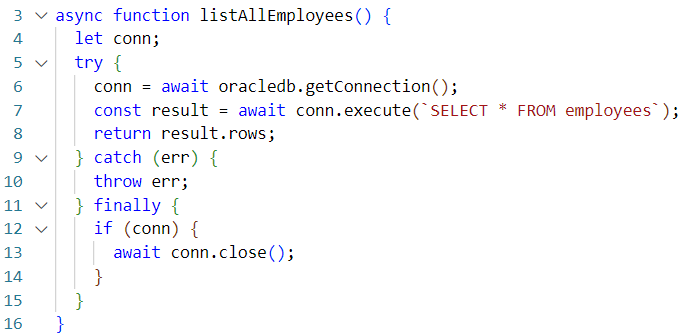
Description automatically generated

This means that we call the getAllEmployees function in employeeController. If we navigate to that, we have this:

A computer screen shot of text

Description automatically generated

Which gets all the employees. This also uses a function of listAllEmployees() which is in employeeModel.js,



My first task is to add a similar function of getAllEmployees() in employeesController.js in backend to getAllDepartments() in departmentsController.js in backend.

A screen shot of a computer program

Description automatically generated

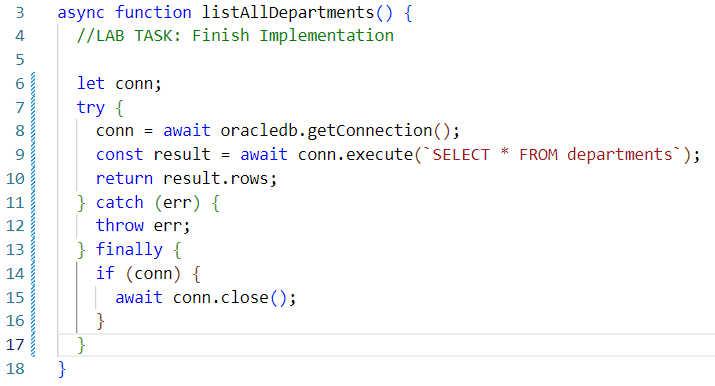
Now my second task is to call this function in departmentRoutes.js,

A screen shot of a computer code

Description automatically generated

Line 7 was added

Now my third task is to edit and add a function of listAllDepartments() in departmentModel.js,



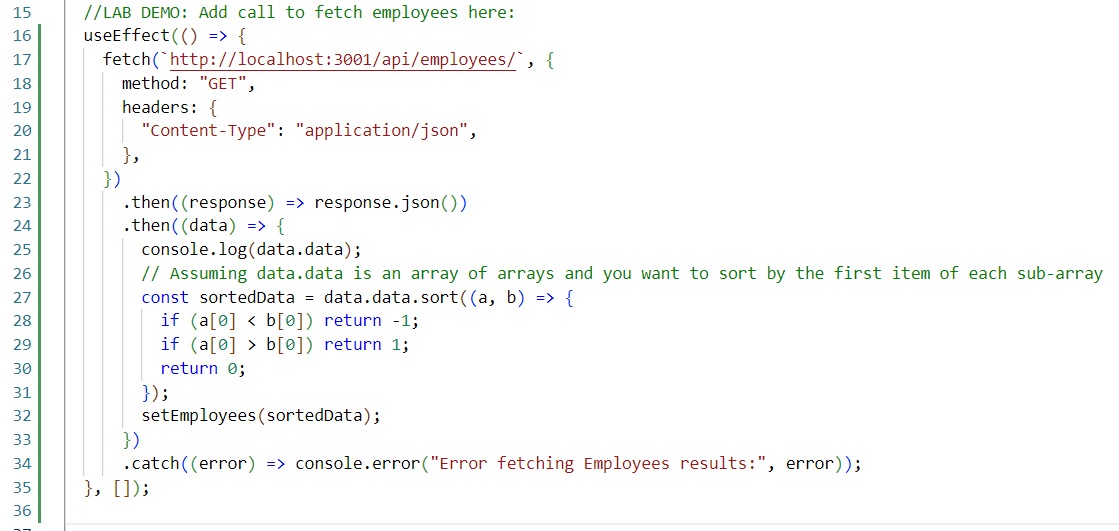
Done.

Now that backend is done, lets move to frontend. In frontend/src/components/Dashboard/employees.js, we had this code,

A screenshot of a computer program

Description automatically generated

we added this code to call the API to get and display the employees,

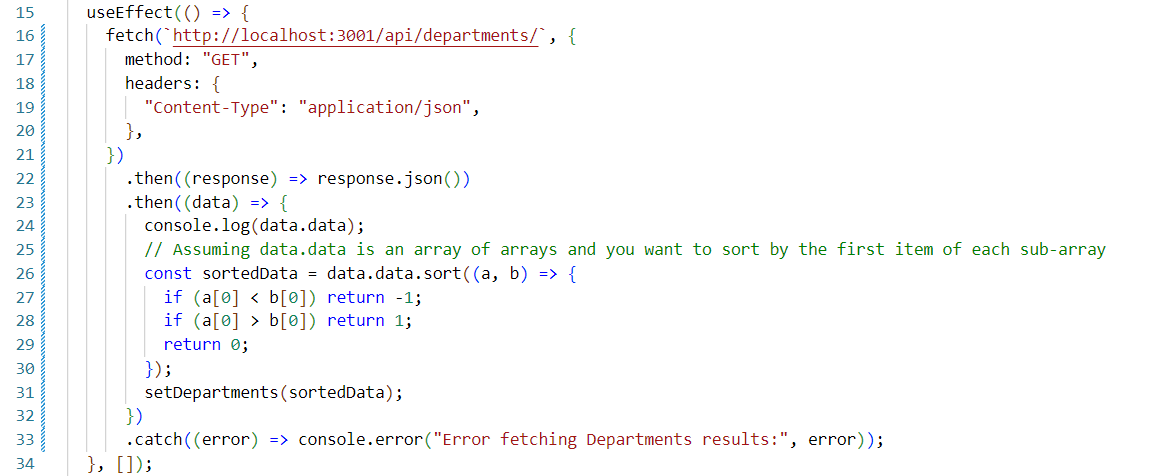


So we will do the same in departments.js, we have this existing code,

A screen shot of a computer code

Description automatically generated

And we have to add the useEffect() function,



But it is not displaying on the screen,

A screenshot of a computer

Description automatically generated

So we will open PostMan app and see if listAllDepartments() works there,

A screenshot of a computer

Description automatically generated

And we found this error, that,

A close-up of a computer screen

Description automatically generated

And ours is,

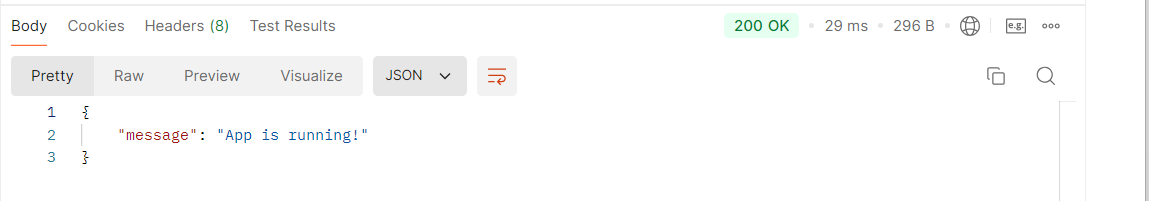


So we have to remove the ‘s’ from departments,



But still it did not work.

So now we will try and run postman,



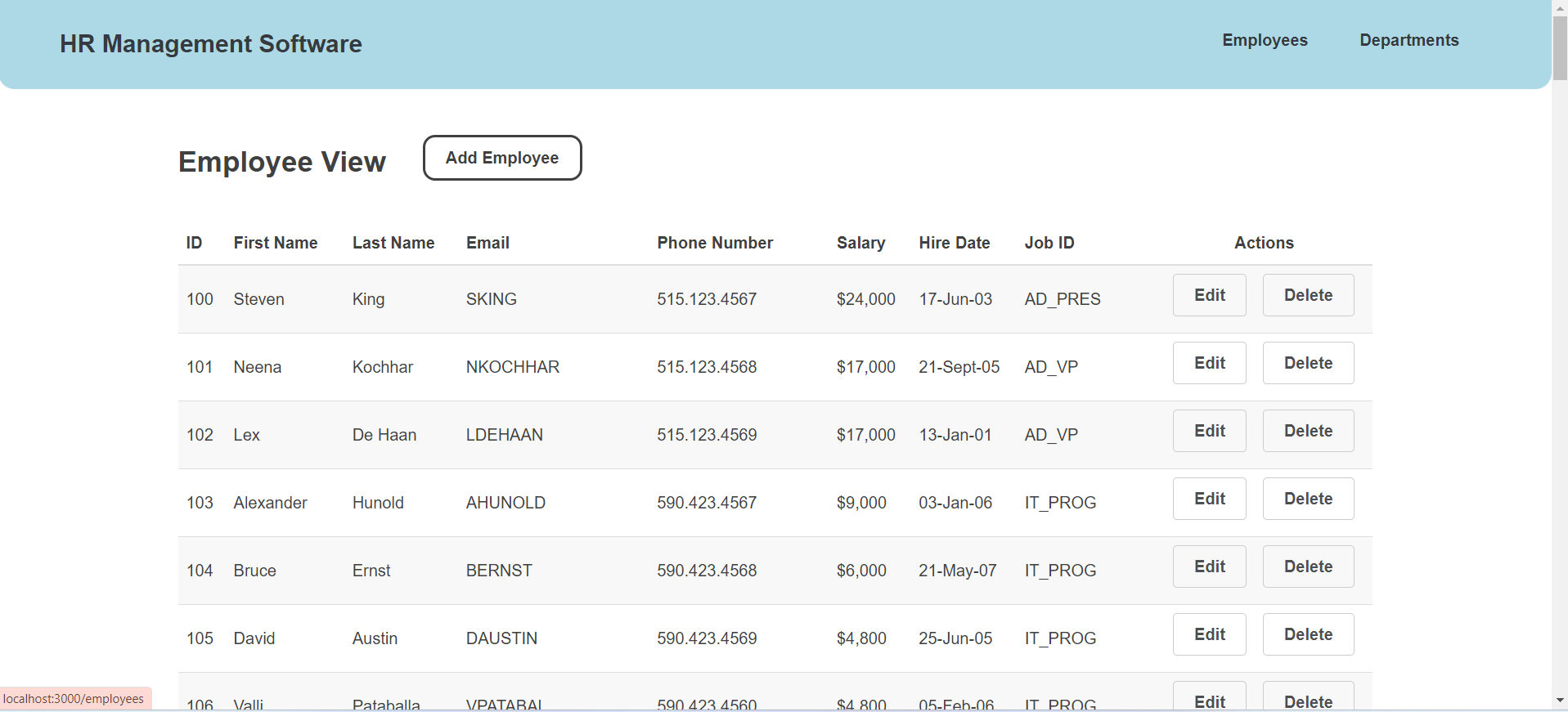
So I think we should save all these files and then run. So lets press Ctrl+C, stop running backend and frontend,

A close up of words

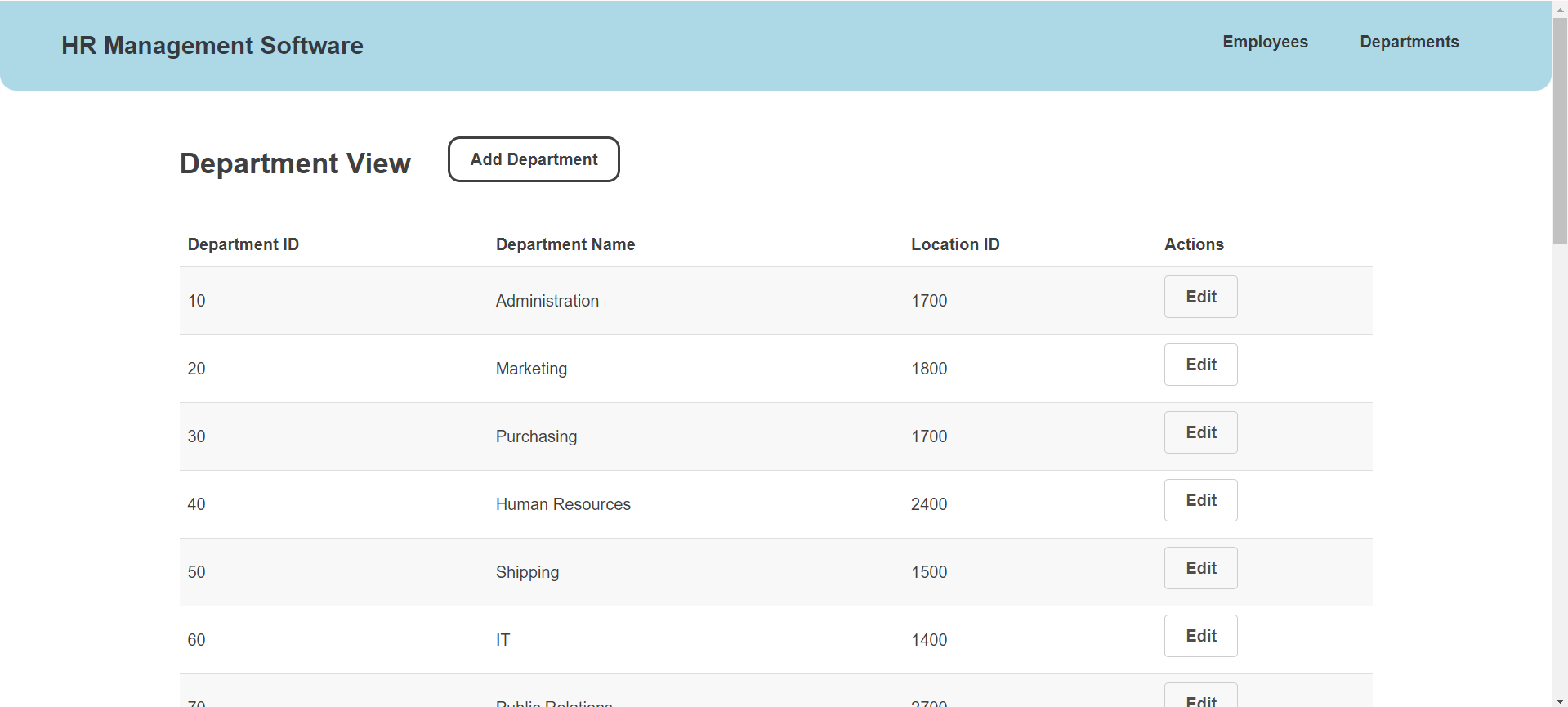
Description automatically generatedA close up of words

Description automatically generated

And then re-run by doing “npm run start” in backend folder and “npm start” in frontend folder and reload it,

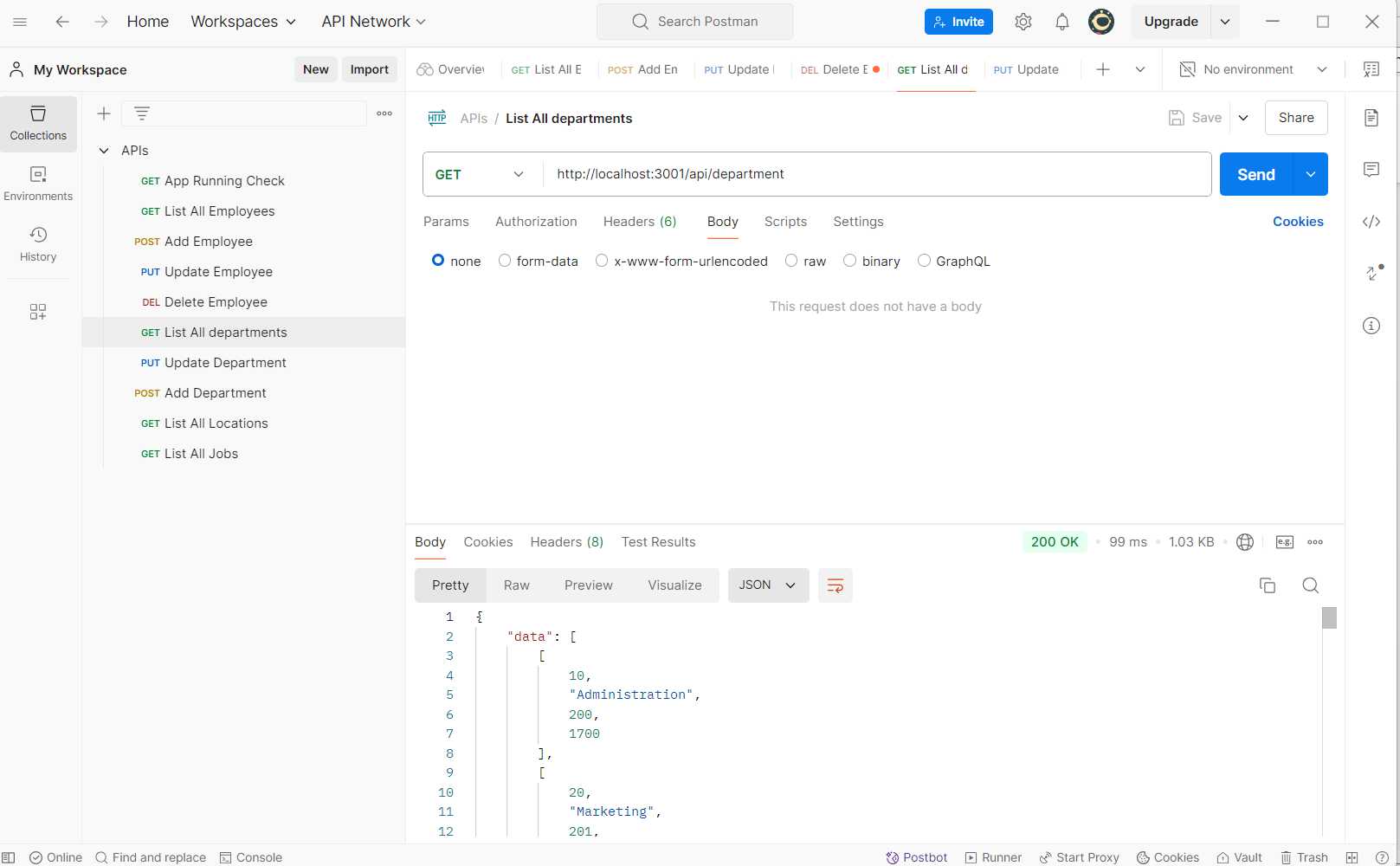


And then we click departments,



And it worked! Alhamdullilah.

Lets run it in postman:



It worked!