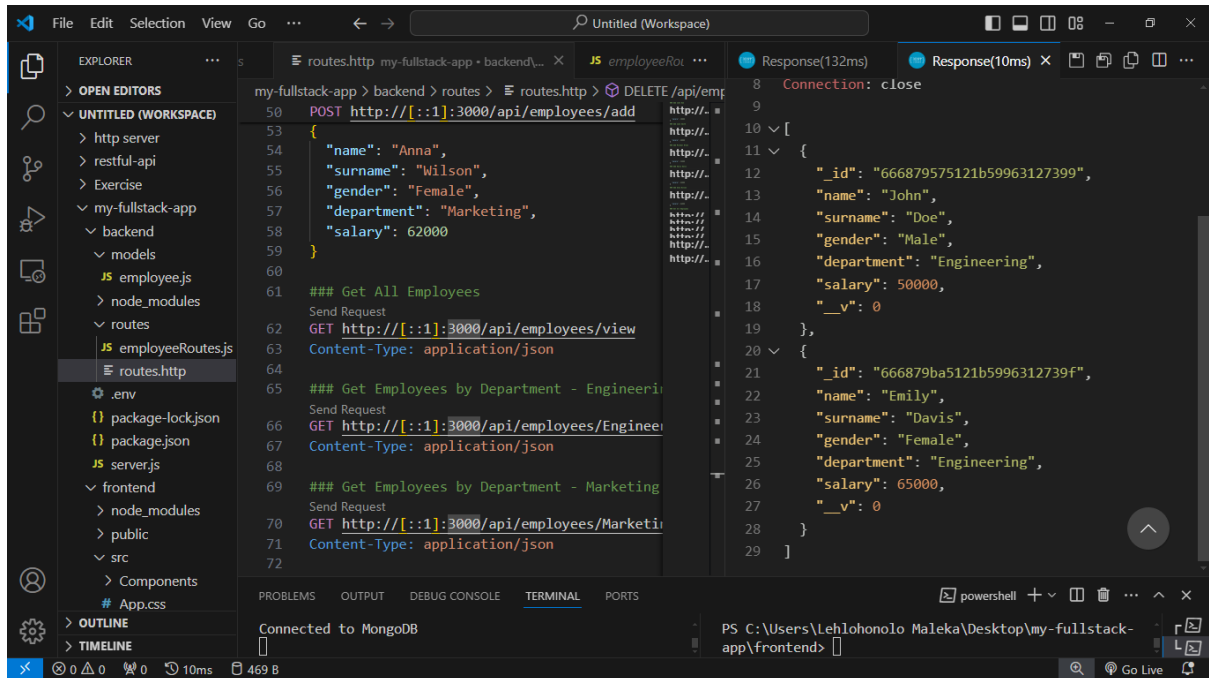


my- fullstack- app Output:

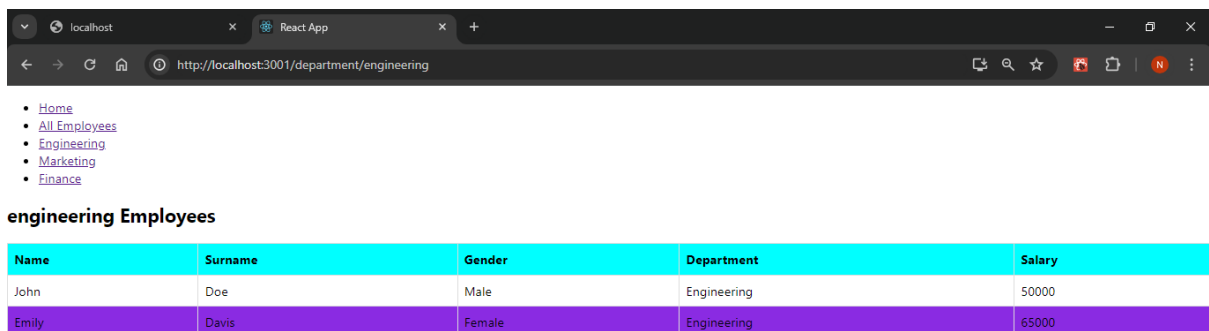
Backend with database: I changed localhost to [::1] due to server binding to [::1] in order for rest client to work. The final zip packaged solution I changed it back to localhost to allow for rest client testing depending on a different computer.



The screenshot shows the Visual Studio Code interface with the following details:

- EXPLORER:** Shows the project structure with folders for http server, restful-api, Exercise, my-fullstack-app, backend, models, node_modules, routes, and frontend. The file `routes.http` is selected.
- EDITOR:** Displays the `routes.http` file with REST client requests and responses.
 - Line 50: `POST http://[::1]:3000/api/employees/add`
 - Line 53: `{ "name": "Anna", "surname": "Wilson", "gender": "Female", "department": "Marketing", "salary": 62000 }`
 - Line 61: `### Get All Employees`
 - Line 62: `GET http://[::1]:3000/api/employees/view`
 - Line 63: `Content-Type: application/json`
 - Line 65: `### Get Employees by Department - Engineering`
 - Line 66: `GET http://[::1]:3000/api/employees/Engineering`
 - Line 67: `Content-Type: application/json`
 - Line 69: `### Get Employees by Department - Marketing`
 - Line 70: `GET http://[::1]:3000/api/employees/Marketing`
 - Line 71: `Content-Type: application/json`
- REST CLIENT RESPONSES:**
 - Response 8 (132ms): `Connection: close`
 - Response 9: `10 [`
 - Response 10 (10ms): `11 { "id": "666879575121b59963127399", "name": "John", "surname": "Doe", "gender": "Male", "department": "Engineering", "salary": 50000, "_v": 0 },`
 - Response 11: `20 { "_id": "666879575121b5996312739f", "name": "Emily", "surname": "Davis", "gender": "Female", "department": "Engineering", "salary": 65000, "_v": 0 }`
- TERMINAL:** Shows `Connected to MongoDB` and the command prompt `PS C:\Users\Lehlohonolo Maleka\Desktop\my-fullstack-app\frontend>`

Frontend with fetched data from API endpoint: Fetched Data for Engineering Employees



The screenshot shows a web browser window with the following details:

- Address Bar:** `http://localhost:3001/department/engineering`
- Navigation Menu:**
 - [Home](#)
 - [All Employees](#)
 - [Engineering](#)
 - [Marketing](#)
 - [Finance](#)
- Section Header:** **engineering Employees**
- Table:**

Name	Surname	Gender	Department	Salary
John	Doe	Male	Engineering	50000
Emily	Davis	Female	Engineering	65000

Frontend with fetched data from API endpoint: All Employees

localhostReact App

http://localhost:3001/employees

• Home

• All Employees

• Engineering

• Marketing

• Finance

All Employees

Name	Surname	Gender	Department	Salary
John	Doe	Male	Engineering	50000
Jane	Smith	Female	Marketing	60000
Michael	Brown	Male	Finance	55000
Emily	Davis	Female	Engineering	65000
Anna	Wilson	Female	Marketing	62000
