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**Requirements:**

* Node JS installed
* Postgres SQL

**Instructions:**

* Unzip
* go to /client then run "npm install" in the cmd then "npm start"
* At the same time, go to /server then run "npm install" in the cmd then "nodemon index.js"
* Go to /server/db.js and change the password
* Go to <http://localhost:3000/> and ENJOY!

**Project Description:**

We build a small Restaurant Database Management System using React JS and Express JS for REST API, and to query the database we used pure SQL syntax, no ORM involved.

The features available on the website are:

* Insert new restaurant branches
* Update an existing restaurant branch
* Delete an existing restaurant branch
* Get all the restaurant Branches
* Insert new products
* Update an existing product
* Delete an existing product
* Get all the products
* Insert new orders
* Update an existing order
* Delete an existing order
* Get all the orders
* Insert new customers
* Update an existing customer
* Delete an existing customer
* Get all the customers
* Get all the employees
* Get all the employees sorted by salary
* Get all the employees sorted alphabetically

**There are some Queries there were not implemented on the website, kindly find all the queries with their indexes and views in Queries.txt and the DDL in both DDL Mysql.txt and DDL Postgres.txt (It’s the same DDL with some accommodations for each DBMS)**

**Screen Mockups:**

Graphical user interface, application

Description automatically generated

Table

Description automatically generatedA screenshot of a computer

Description automatically generated

Table

Description automatically generated

A picture containing graphical user interface

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A picture containing graphical user interface

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