Database of Depertment

Course : Database 2023_2024

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Database Goals

- Write that data can be divided between users for a variety of products.
- Ability to analyze natural lies to reflect relationships between data.
- Minimizing the total cost of storage requirements.
- Organizing disputes and arguments in response to reactions in order to meet his requests and require appropriate speed .
- Harmonizing the current systems and compatibility with us, so that the database system that you rent must be consistent with the programs and data and it does not have too much.

Project goals

Creating an integrated and organized system that explains the department's data to any non-specialist .

Program description

This project is responsible for the department's data in terms of

1-laboratories

2-committees

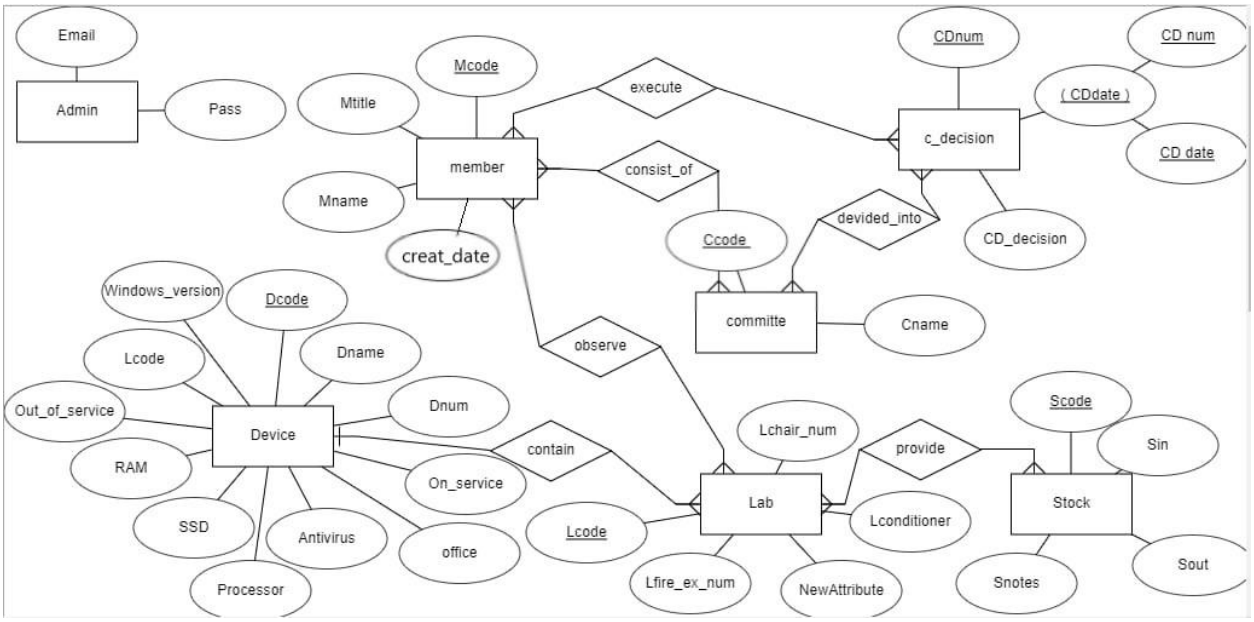
3-Council

4-member

5-devices

6- stocks

Er diagram

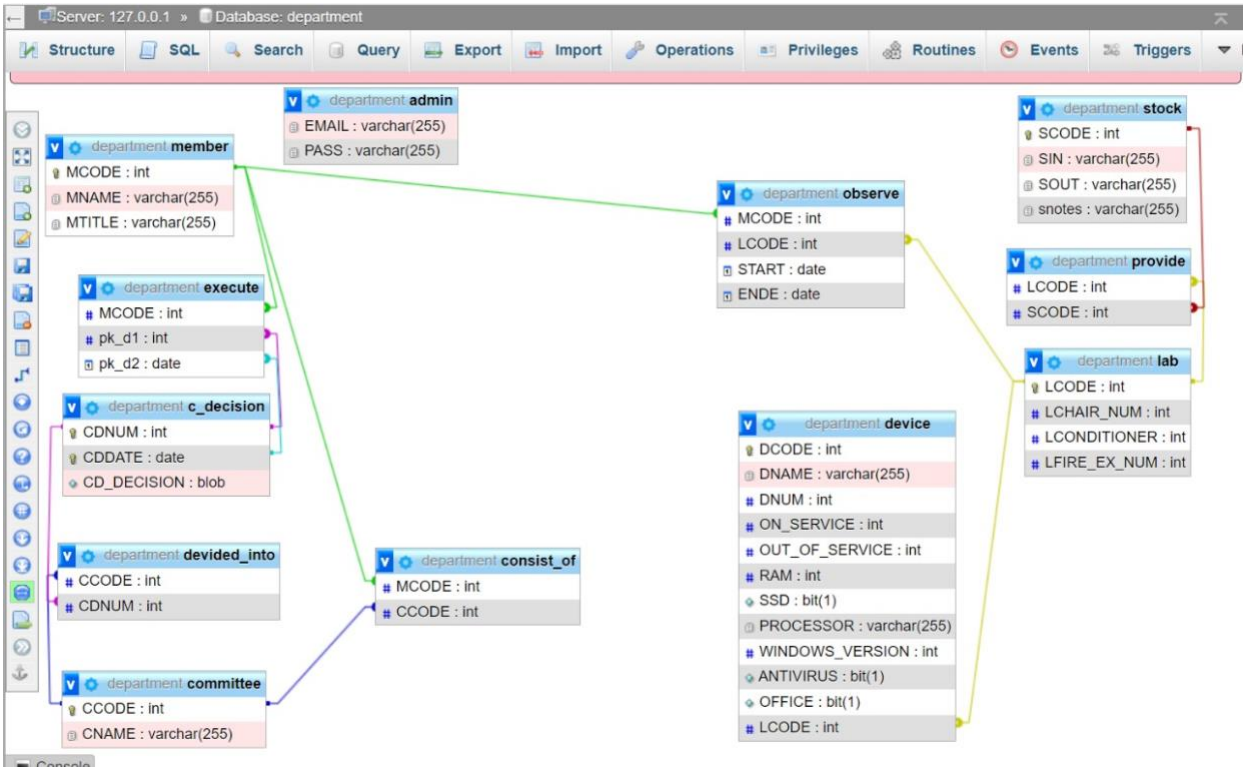


Through ER diagram we see the relationship of the tables to each other

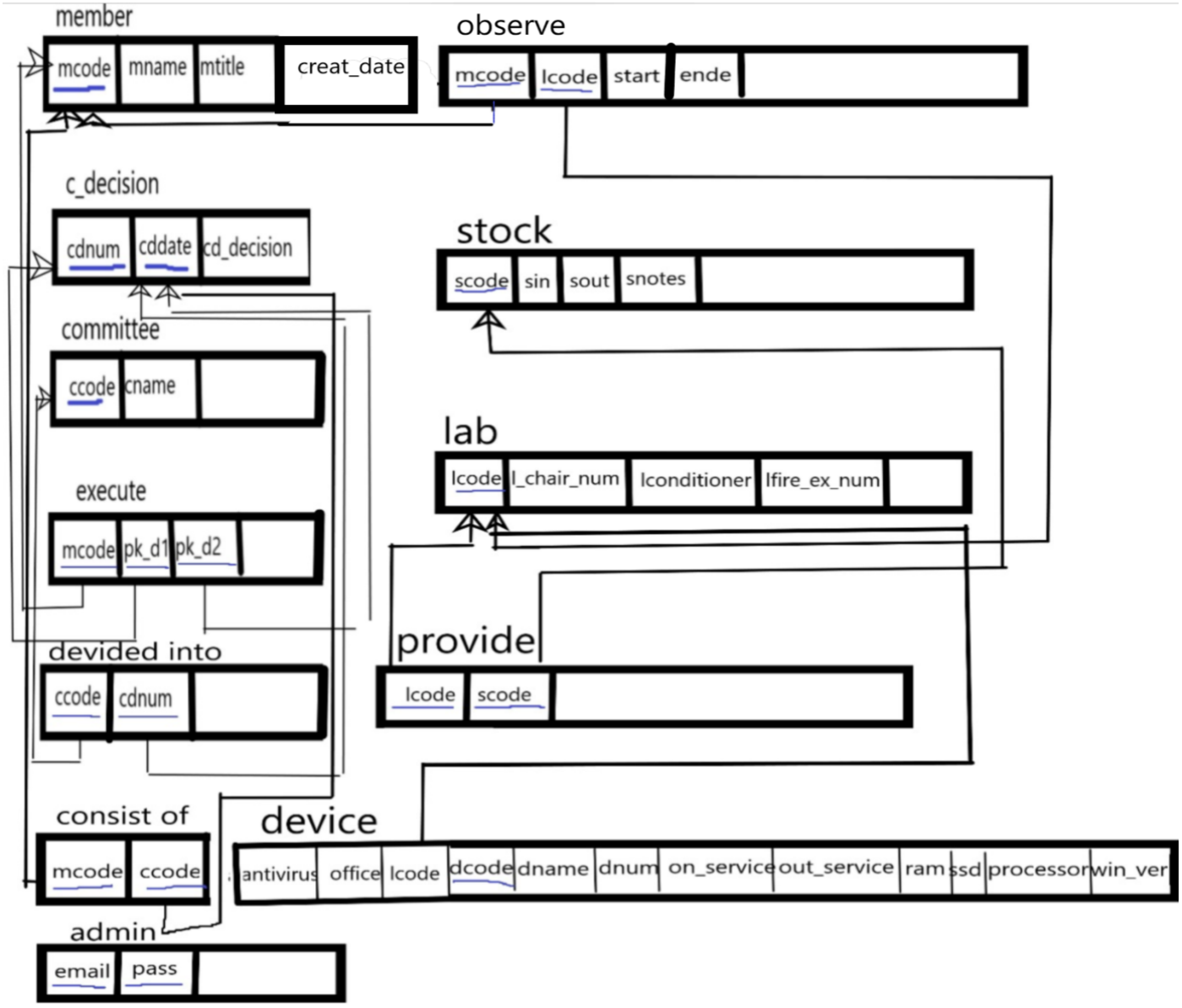
- In the members table and lab We find that a number of members are responsible for a number of laboratories .
- And in the table of members and Council, where a number of members implement the decisions of those Council.

- In table of committee and member, each committee consist of number of member and conversely .
- And the decisions of Council divided into number of committee and conversely .
- The relation between lab table and device , that laboratories contain of number of devices .
- In stock table and lab , that stock provide lab with equipment .

Design of database



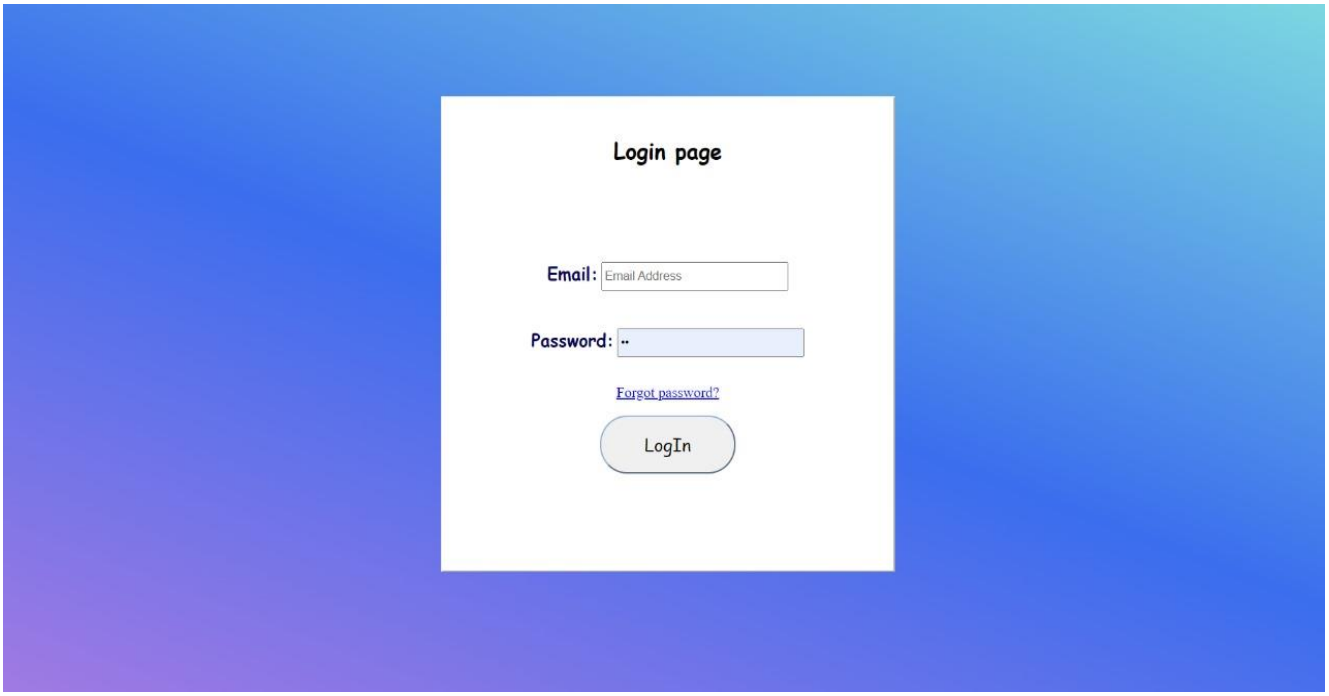
Mapping diagram



Program pages

The first page is login

Through it, the user can enter his email and password so that he can access the data base

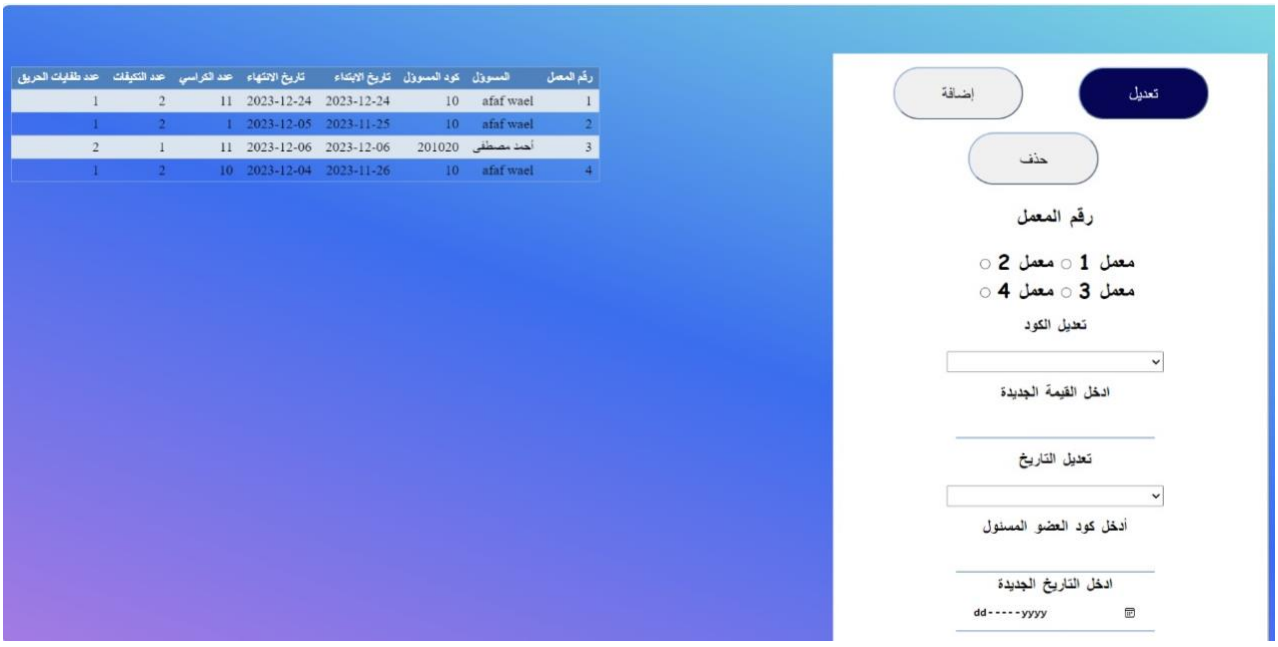


When he press enter, it takes him to the next page, which is the page from which he chooses any table he wants to search for and enter

When you enter the selected table, it takes you to a page consisting of a part that allows you to add, delete, and modify this table, and a part that contains the form of the table so that the user can see all the data in the table.

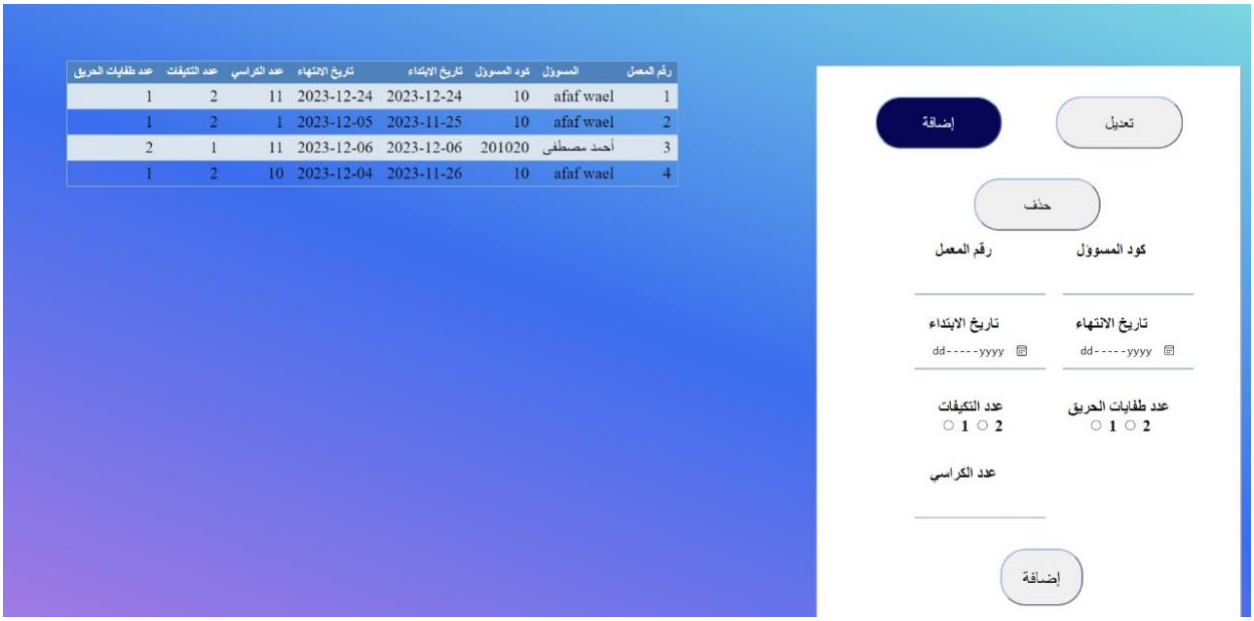
We assume that the user has chosen the ‘lab’ table

He pressed the modification button asking him to choose the laboratory he wanted to modify, then select the thing he wanted to modify, then give him the new value



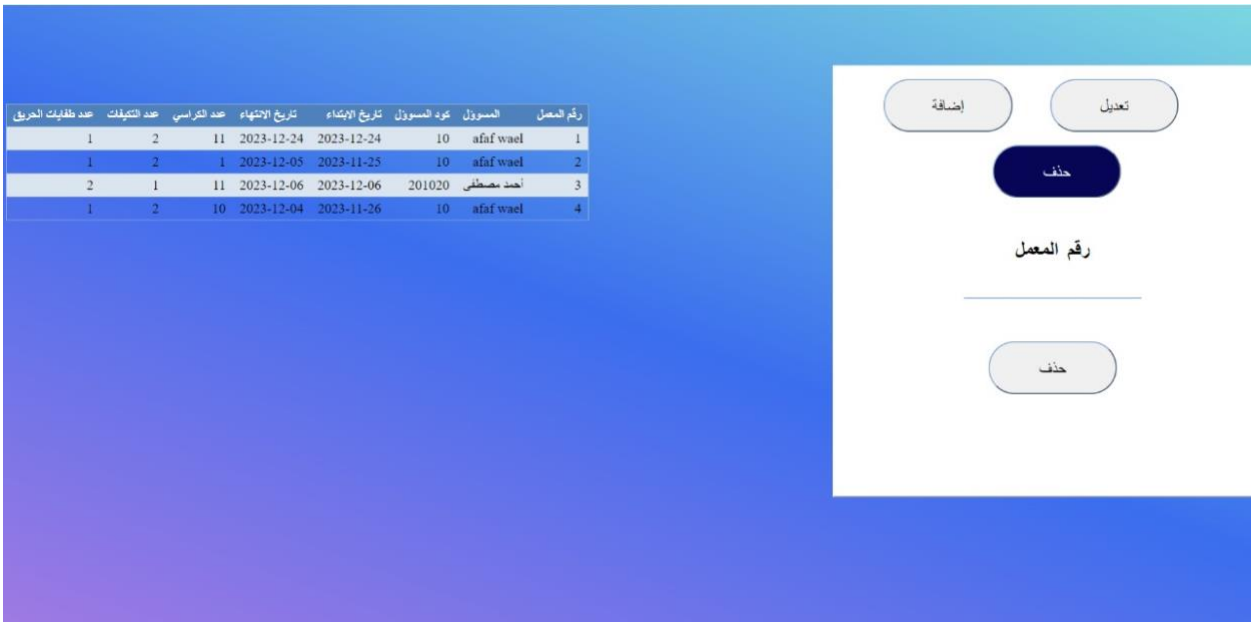
Then press the update button at the end until the edit is actually done

When you click the add button, you are asked for the values in each coloum



Then press the insert button at the end until the save is actually done

When you click on the delete button, you are asked to enter the laboratory model that you want to delete, then click on the save button at the bottom.



رقم المعمل	المسؤول	كود المسؤول	تاريخ الإبتداء	تاريخ الانتهاء	عدد الكراسي	عدد التكيفات	عدد طفايات الحريق
1	afaf wael	10	2023-12-24	2023-12-24	11	2	1
2	afaf wael	10	2023-11-25	2023-12-05	1	2	1
3	أحمد مصطفى	201020	2023-12-06	2023-12-06	11	1	2
4	afaf wael	10	2023-11-26	2023-12-04	10	2	1

And so on in the another tables .