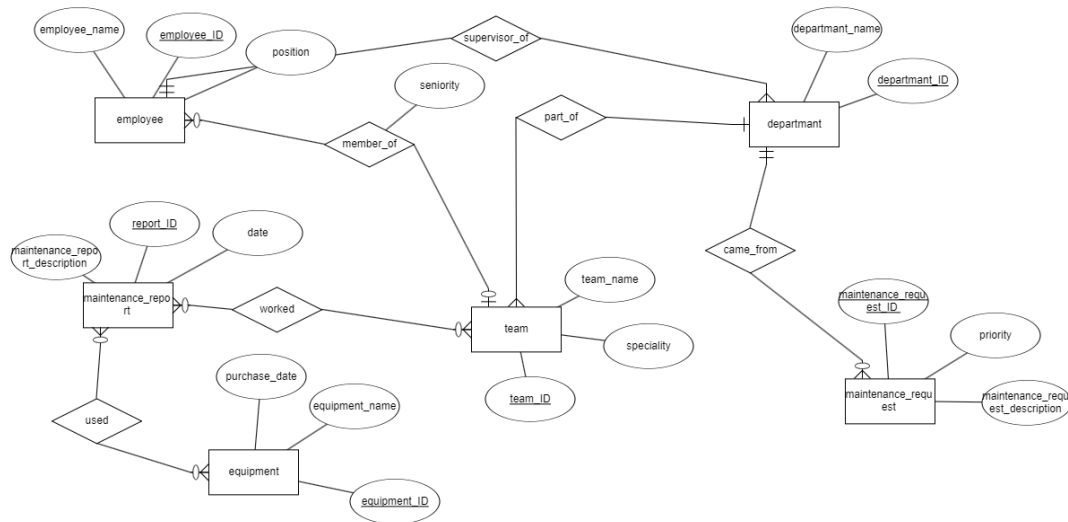


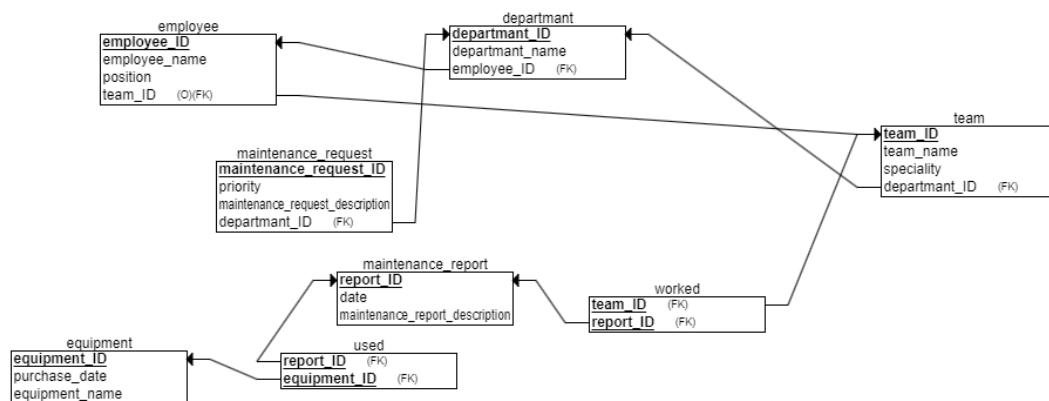
# The maintenance department of a hospital, project in DB

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In this project, we were given the responsibility to create the data base for a maintenance department of a hospital. We chose to create the following tables:



the main focus of our data base is on the maintenance department tasks, and how are they done,(including reports) as well as the structure of the department (which is made of sub departments, teams and single employees).



We chose the data generator as our main data insertion way. We also used the python's "fake" library and mockaroo:

The additional ways are added in the files

Field Name	Type	Options
employee_id	Row Number	blank: 0 % $\Sigma$ X
employee_name	First Name	blank: 0 % $\Sigma$ X
employee_last_name	Last Name	blank: 0 % $\Sigma$ X

+ ADD ANOTHER FIELD
 GENERATE FIELDS USING AI...

# Rows: 500
 Format: SQL
 Table Name: employee
 ☐ include CREATE TABLE

In addition, we backed up our data and imported it back as well:

Name	Type	Compiled
MEMBER_OF	TABLE	6/4/2024 7:28:10 PM
TEAM	TABLE	6/4/2024 7:28:10 PM
DEPARTMANT	TABLE	6/4/2024 7:28:10 PM
EQUIPMENT	TABLE	6/4/2024 7:28:11 PM
MAINTENANCE_REQUEST	TABLE	6/4/2024 7:28:11 PM
MAINTENANCE_REPORT	TABLE	6/4/2024 7:28:11 PM

## Export Tables

User: <CURRENT USER>

Oracle Export SQL Inserts PL/SQL Developer Log

Where clause:

☒ Compress file  
☒ Include storage  
☒ Include privileges

Output file: C:\Users\USER\Documents\db\1שליב\backup\_05\_06\_24.pde

Export

natan AS SYSDBA Exporting... Done

```

491 records exported

Exporting table WORKED...|
492 records exported

9 Table(s) exported
4011 Record(s) exported

Export finished on 6/17/2024 12:38:47 PM
  
```

## Import Tables

Import file

"C:\Users\USER\Documents\db\1\שולכ\\backup\_05\_06\_24.pde"

Create import SQL insert script for SQL Developer Log

☐ Drop tables  
☐ Create tables  
☐ Truncate tables  
☒ Delete records  
☒ Disable triggers  
☒ Disable foreign key constraints

Commit every  
100 records  
(0 = never)

EMPLOYEE  
 DEPARTMANT  
 EQUIPMENT  
 MAINTENANCE\_REPORT  
 MAINTENANCE\_REQUEST  
 TEAM  
 MEMBER\_OF  
 USED  
 WORKED

Import file

C:\Users\USER\Documents\db\1\שולכ\\backup\_05\_06\_24.pde

Import

	DEPARTMANT_ID	DEPARTMANT_NAME	SUPERVISER_ID
1	1	Pest Control51	1598
2	2	Groundskeeping92	1634
3	3	Painting64	1272
4	4	Plumbing12	1712
5	5	'Security'18	1766
6	6	Pest Control28	1992
7	7	Plumbing29	1282
8	8	Electrical27	1882
9	9	Electrical57	1758
10	10	Electrical25	1616
11	11	'Security'46	1546
12	12	Plumbing54	1222
13	13	Safety90	1436
14	14	Safety98	1792
15	15	Safety90	1306
16	16	'Security'89	1444
17	17	Painting36	1088
18	18	Plumbing36	1036