SPORTS FACTORY MANAGEMENT

DATABASE SEMESTER PROJECT

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Abstract:

The purpose of this project is to store records of Manufacturing_ Equipment, Raw_ Materials, Finished_ Products, Customers, Employees, Orders, Maintenance_ Task in sports factory.

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Introduction:

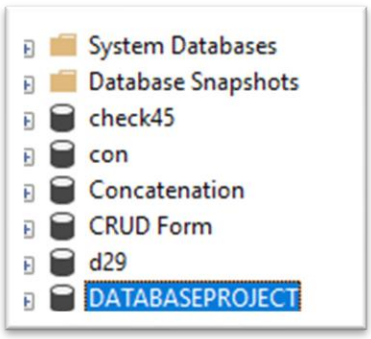
In a sports factory, various components come together to ensure smooth operations. The Manufacturing Equipment is used to produce goods, while Raw Materials are the essential inputs required for production. The Finished Products are the end result of the manufacturing process. The factory also has a team of Employees who work together to achieve the desired outcomes. The Customers place Orders for the products, and the factory ensures timely delivery. Additionally, the factory has a Maintenance Task team that takes care of the equipment to prevent breakdowns

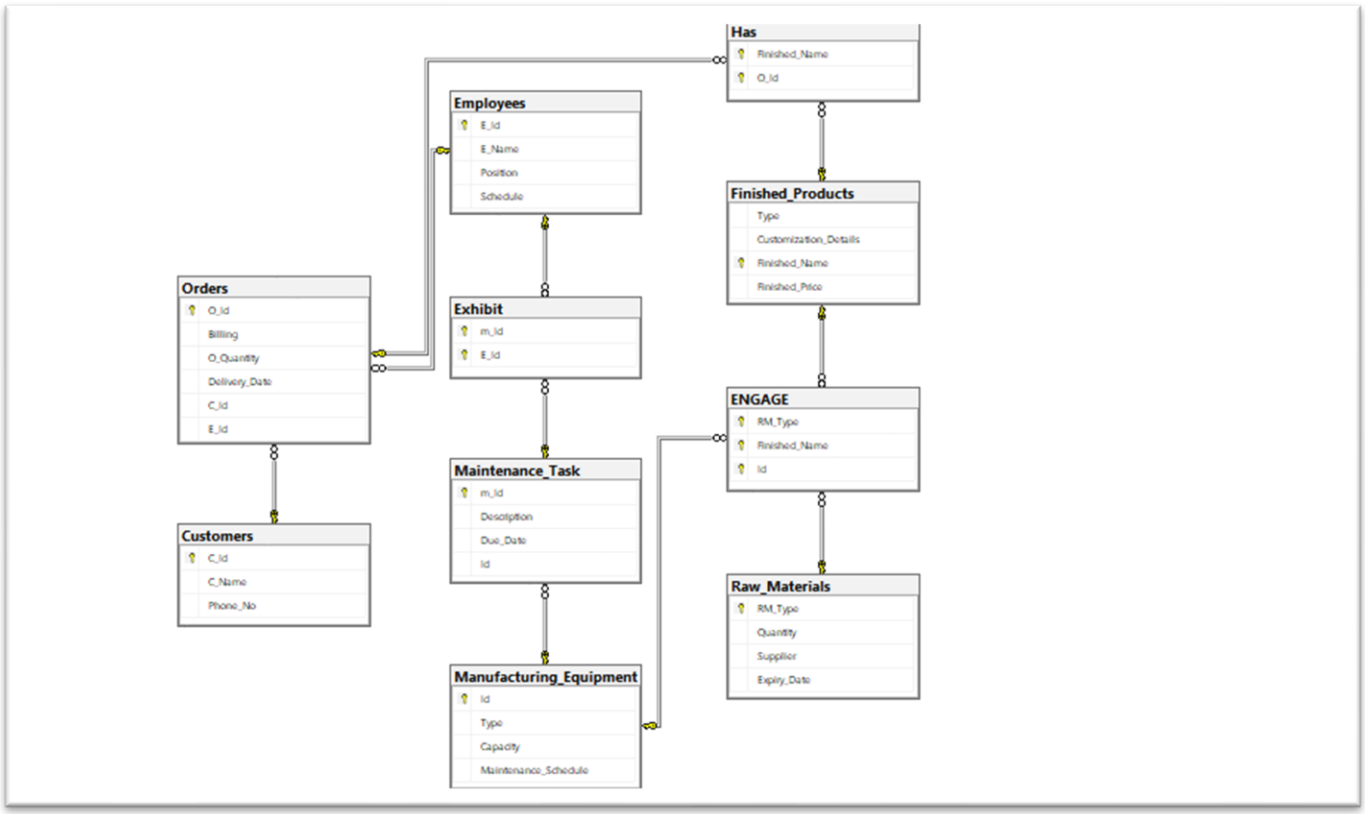
Aim and objective:

The aim and objective of this system is to save the record of Manufacturing Equipment, Raw Materials, Finished Products, Customers, Employees, Orders, and Maintenance Tasks so we are working on the need for an effective database that can help us to store and retrieve any kind of data whenever needed. This will be a web-based system or software that enables us to manage the functioning of a sports factory efficiently.
It creates a systematic and standardized record of

- Manufacturing Equipment
- Raw Materials
- Finished Products
- Customers
- Employees
- Orders
- Maintenance Tasks

Project Database Diagram:

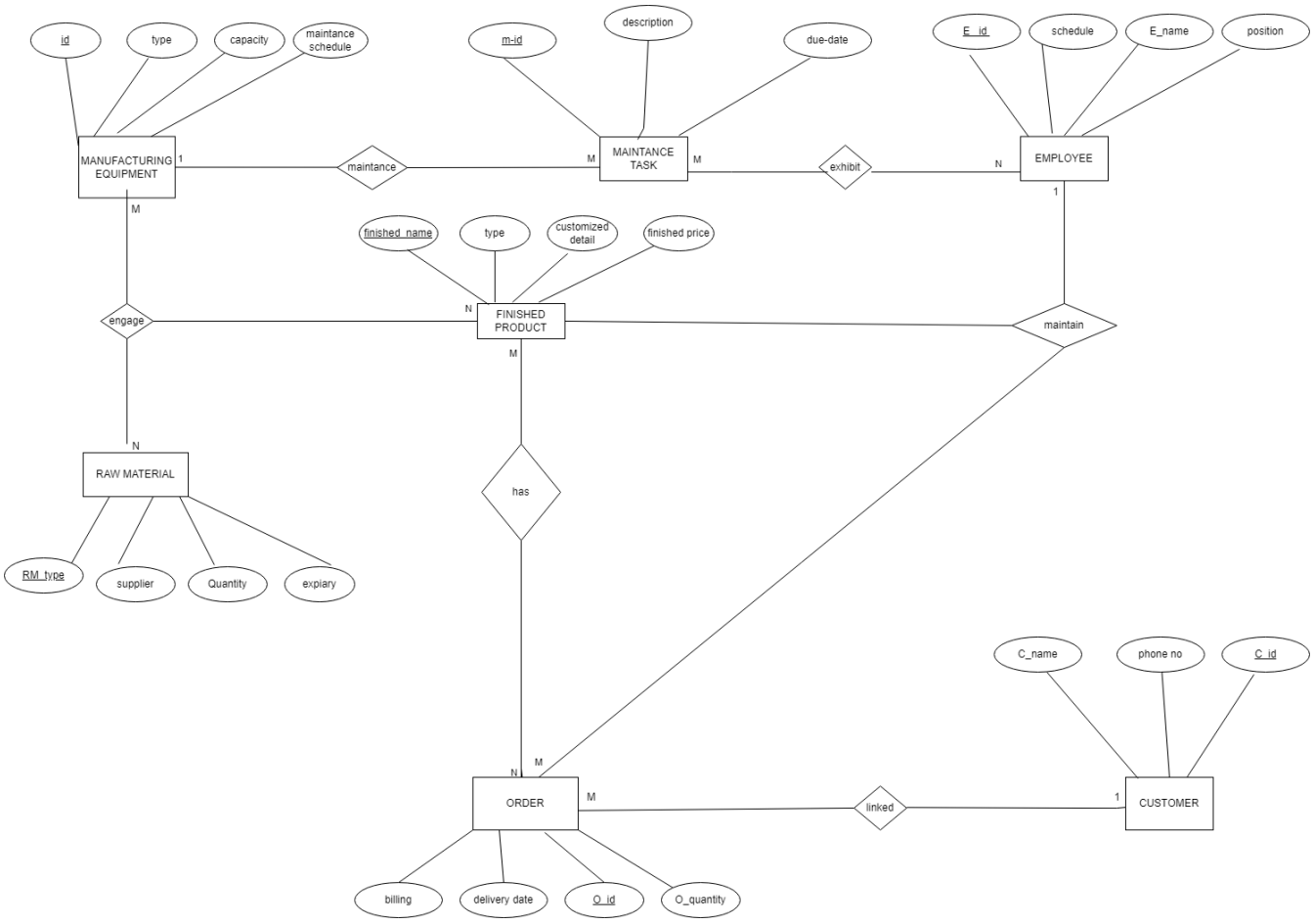




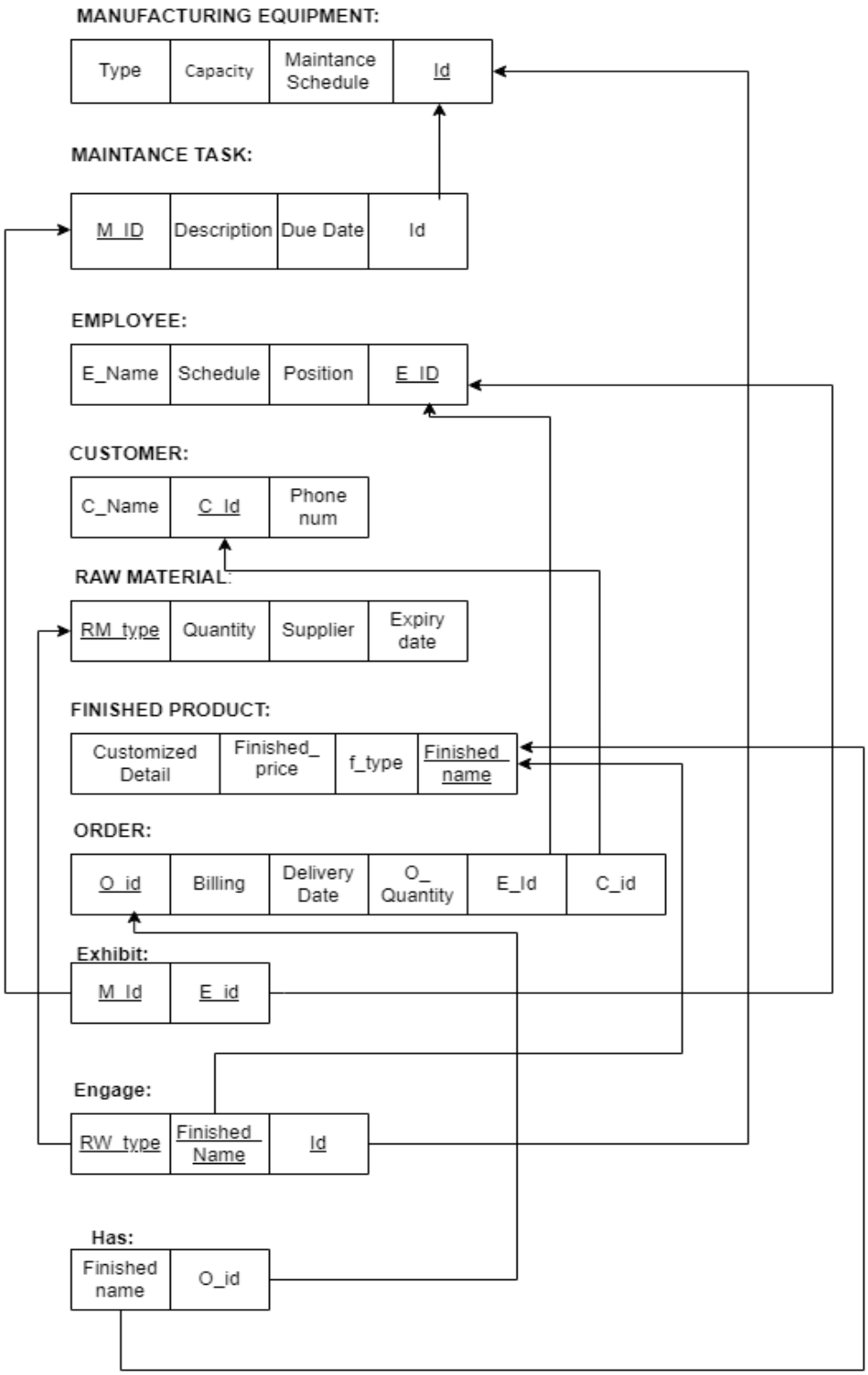
Relational Schema:

1. Manufacturing Equipment (Type, Capacity, Maintenance ,Schedule Id)
2. Raw Materials (RM-Type, Quantity, Supplier, Expiry Date)
3. Finished Products (Type, Customization Details, Finished_ Name ,Finished price)
4. Orders (Billing , O-Quantity , Delivery Date, C_ Id, E_ Id O-Id)
5. Customers (C- Name, C-id , phone -no)
6. Maintenance Task (m-id, Description, Due Date)
7. Employees (E-Name, Position , Schedule ,E-Id)
8. Exhibit (m_ Id ,E_ Id)
9. Has (Finished_ Name, O_ Id)
10. ENGAGE (RM_ Type, Finished_ Name, Id)[1]

E-R Diagram:


id
type
capacity
maintance schedule
MANUFACTURING EQUIPMENT
1
maintance
M
m-id
description
due-date
MAINTANCE TASK
M
exhibit
N
E_id
schedule
E_name
position
EMPLOYEE
1
M
finished_name
type
customized detail
finished price
engage
N
FINISHED PRODUCT
M
maintain
N
RAW MATERIAL
has
RM_type
supplier
Quantity
expiary
C_name
phone no
C_id
N
M
ORDER
M
linked
1
CUSTOMER
billing
delivery date
O_id
O_quantity

Relational Model:



The query for Creating Database

```
CREATE DATABASE DATABASEPROJECT;
```

Queries for Creating Tables:

```
CREATE TABLE Manufacturing_Equipment
(
    Id INT PRIMARY KEY ,
    Type VARCHAR(100) NOT NULL,
    Capacity VARCHAR(100) NOT NULL,
    Maintenance_Schedule DATE NOT NULL
);
CREATE TABLE Raw_Materials
(
    RM_Type VARCHAR(100) PRIMARY KEY,
    Quantity INT NOT NULL,
    Supplier VARCHAR(100) NOT NULL,
    Expiry_Date DATE NOT NULL
);
CREATE TABLE Finished_Products
(
   Type VARCHAR(100) NOT NULL,
    Customization_Details TEXT,
    Finished_Name VARCHAR(100) PRIMARY
KEY,
    Finished_Price DECIMAL(10, 2) NOT
NULL
);
CREATE TABLE Customers
(
    C_Id INT PRIMARY KEY ,
    C_Name VARCHAR(100) NOT NULL,
    Phone_No VARCHAR(15) NOT NULL
);
CREATE TABLE Employees (
    E_Id INT PRIMARY KEY ,
    E_Name VARCHAR(100) NOT NULL,
    Position VARCHAR(100) NOT NULL,
    Schedule DATE NOT NULL
);
CREATE TABLE Orders
(
    O_Id INT PRIMARY KEY ,
    Billing DECIMAL(10, 2) NOT NULL,
    O_Quantity INT NOT NULL,
    Delivery_Date DATE NOT NULL,
    C_Id INT,
    E_Id INT,
    FOREIGN KEY (C_Id) REFERENCES Customers(
C_Id) ,
    FOREIGN KEY (E_Id) REFERENCES

    m_Id INT PRIMARY KEY,
    Description TEXT NOT NULL,
    Due_Date DATE NOT NULL,
   Id INT,
    FOREIGN KEY (Id) REFERENCES
Manufacturing_Equipment (Id)
);
CREATE TABLE Exhibit
(
    m_Id INT,
    E_Id INT,
    PRIMARY KEY (m_Id, E_Id),
    FOREIGN KEY (m_Id) REFERENCES
Maintenance_Task(m_Id),
    FOREIGN KEY (E_Id) REFERENCES
Employees(E_Id)
);
CREATE TABLE Has
(
    Finished_Name VARCHAR(100),
    O_Id INT,
    PRIMARY KEY (Finished_Name, O_Id),
    FOREIGN KEY (Finished_Name) REFERENCES
Finished_Products(Finished_Name),
    FOREIGN KEY (O_Id) REFERENCES Orders(O_Id)
);
CREATE TABLE ENGAGE
( RM_Type VARCHAR(100) ,
  Finished_Name VARCHAR(100) ,
   Id INT,
   PRIMARY KEY (Id,RM_Type, Finished_Name ),
   FOREIGN KEY (Id) REFERENCES
Manufacturing_Equipment(Id),
   FOREIGN KEY (RM_Type) REFERENCES
Raw_Materials(RM_Type),
    FOREIGN KEY (Finished_Name) REFERENCES
Finished_Products(Finished_Name)
   );
```

Inserting values in Tables:

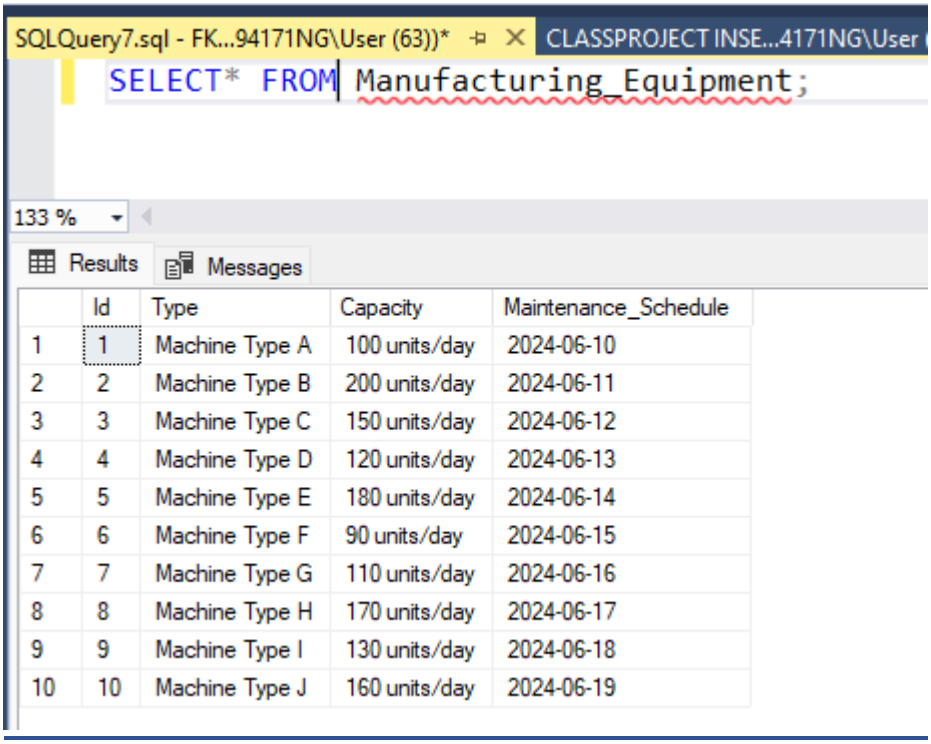
```
INSERT INTO Manufacturing_Equipment (Id, Type, Capacity, Maintenance_Schedule) VALUES
(1, 'Machine Type A', '100 units/day', '2024-06-10'),
(2, 'Machine Type B', '200 units/day', '2024-06-11'),
(3, 'Machine Type C', '150 units/day', '2024-06-12'),
(4, 'Machine Type D', '120 units/day', '2024-06-13'),
(5, 'Machine Type E', '180 units/day', '2024-06-14'),
(6, 'Machine Type F', '90 units/day', '2024-06-15'),
(7, 'Machine Type G', '110 units/day', '2024-06-16'),
(8, 'Machine Type H', '170 units/day', '2024-06-17'),
(9, 'Machine Type I', '130 units/day', '2024-06-18'),
(10, 'Machine Type J', '160 units/day', '2024-06-19');
INSERT INTO Raw_Materials (RM_Type, Quantity, Supplier, Expiry_Date) VALUES
('Material Type A', 1000, 'Supplier A', '2024-06-20'),
('Material Type B', 2000, 'Supplier B', '2024-06-21'),
('Material Type C', 1500, 'Supplier C', '2024-06-22'),
('Material Type D', 1200, 'Supplier D', '2024-06-23'),
('Material Type E', 1800, 'Supplier E', '2024-06-24'),
('Material Type F', 900, 'Supplier F', '2024-06-25'),
('Material Type G', 1100, 'Supplier G', '2024-06-26'),
('Material Type H', 1700, 'Supplier H', '2024-06-27'),
('Material Type I', 1300, 'Supplier I', '2024-06-28'),
('Material Type J', 1600, 'Supplier J', '2024-06-29');
SELECT* FROM Raw_Materials ;

-- Finished Products
INSERT INTO Finished_Products (Type, Customization_Details, Finished_Name, Finished_Price)
VALUES
('Product Type A', 'Customization A', 'Product A', 49.99),
('Product Type B', 'Customization B', 'Product B', 59.99),
('Product Type C', 'Customization C', 'Product C', 69.99),
('Product Type D', 'Customization D', 'Product D', 79.99),
('Product Type E', 'Customization E', 'Product E', 89.99),
('Product Type F', 'Customization F', 'Product F', 99.99),
('Product Type G', 'Customization G', 'Product G', 109.99),
('Product Type H', 'Customization H', 'Product H', 119.99),
('Product Type I', 'Customization I', 'Product I', 129.99),
('Product Type J', 'Customization J', 'Product J', 139.99);

-- Customers
INSERT INTO Customers (C_Id, C_Name, Phone_No) VALUES
(1, 'John Doe', '123-456-7890'),
(2, 'Jane Smith', '234-567-8901'),
(3, 'Alice Johnson', '345-678-9012'),
(4, 'Robert Brown', '456-789-0123'),
(5, 'Michael Davis', '567-890-1234'),
(6, 'Linda Martinez', '678-901-2345'),
(7, 'David Wilson', '789-012-3456'),
(8, 'Maria Garcia', '890-123-4567'),
(9, 'James Anderson', '901-234-5678'),
(10, 'Patricia Thomas', '012-345-6789');

-- Employees
INSERT INTO Employees (E_Id, E_Name, Position, Schedule) VALUES
(1, 'Jack Miller', 'Technician', '2024-06-10'),
(2, 'Emma Harris', 'Operator', '2024-06-11'),
(3, 'Olivia Clark', 'Supervisor', '2024-06-12'),
```

```
(4, 'Liam Lewis', 'Engineer', '2024-06-13'),
(5, 'Noah Walker', 'Manager', '2024-06-14'),
(6, 'Sophia Young', 'Technician', '2024-06-15'),
(7, 'Lucas King', 'Operator', '2024-06-16'),
(8, 'Mason Wright', 'Supervisor', '2024-06-17'),
(9, 'Amelia Scott', 'Engineer', '2024-06-18'),
(10, 'Ethan Green', 'Manager', '2024-06-19');

-- Orders
INSERT INTO Orders (O_Id, Billing, O_Quantity, Delivery_Date, C_Id, E_Id) VALUES
(1, 499.90, 10, '2024-06-20', 1, 1),
(2, 799.90, 10, '2024-06-21', 2, 2),
(3, 299.95, 5, '2024-06-22', 3, 3),
(4, 599.90, 10, '2024-06-23', 4, 4),
(5, 1199.90, 10, '2024-06-24', 5, 5),
(6, 239.92, 8, '2024-06-25', 6, 6),
(7, 899.85, 15, '2024-06-26', 7, 7),
(8, 179.94, 6, '2024-06-27', 8, 8),
(9, 149.95, 5, '2024-06-28', 9, 9),
(10, 299.90, 10, '2024-06-29', 10, 10);

-- Maintenance Task
INSERT INTO Maintenance_Task (m_Id, Description, Due_Date, Id) VALUES
(1, 'Task 1', '2024-06-20', 1),
(2, 'Task 2', '2024-06-21', 2),
(3, 'Task 3', '2024-06-22', 3),
(4, 'Task 4', '2024-06-23', 4),
(5, 'Task 5', '2024-06-24', 5),
(6, 'Task 6', '2024-06-25', 6),
(7, 'Task 7', '2024-06-26', 7),
(8, 'Task 8', '2024-06-27', 8),
(9, 'Task 9', '2024-06-28', 9),
(10, 'Task 10', '2024-06-29', 10);

-- Exhibit
INSERT INTO Exhibit (m_Id, E_Id) VALUES
(1, 1),
(2, 2),
(3, 3),
(4, 4),
(5, 5),
(6, 6),
(7, 7),
(8, 8),
(9, 9),
(10, 10);
SELECT* FROM Exhibit;

-- Has
INSERT INTO Has (Finished_Name, O_Id) VALUES
('Product A', 1),
('Product B', 2),
('Product C', 3),
('Product D', 4),
('Product E', 5),
('Product F', 6),
('Product G', 7),
('Product H', 8),
('Product I', 9),
```

```
('Product J', 10);

-- ENGAGE
INSERT INTO ENGAGE (RM_Type, Finished_Name, Id) VALUES
('Material Type A', 'Product A', 1),
('Material Type B', 'Product B', 2),
('Material Type C', 'Product C', 3),
('Material Type D', 'Product D', 4),
('Material Type E', 'Product E', 5),
('Material Type F', 'Product F', 6),
('Material Type G', 'Product G', 7),
('Material Type H', 'Product H', 8),
('Material Type I', 'Product I', 9),
('Material Type J', 'Product J', 10);
SELECT* FROM ENGAGE;
```

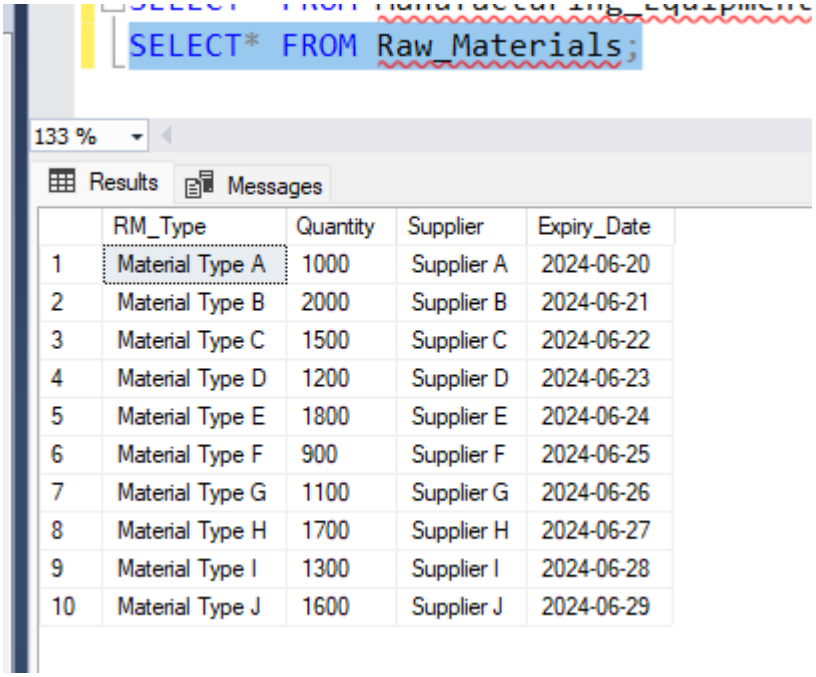
Queries to display Tables after Inserting Values in it:

Manufacturing_ Equipment Table:



	Id	Type	Capacity	Maintenance_Schedule
1	1	Machine Type A	100 units/day	2024-06-10
2	2	Machine Type B	200 units/day	2024-06-11
3	3	Machine Type C	150 units/day	2024-06-12
4	4	Machine Type D	120 units/day	2024-06-13
5	5	Machine Type E	180 units/day	2024-06-14
6	6	Machine Type F	90 units/day	2024-06-15
7	7	Machine Type G	110 units/day	2024-06-16
8	8	Machine Type H	170 units/day	2024-06-17
9	9	Machine Type I	130 units/day	2024-06-18
10	10	Machine Type J	160 units/day	2024-06-19

Raw_ Materials Table:



	RM_Type	Quantity	Supplier	Expiry_Date
1	Material Type A	1000	Supplier A	2024-06-20
2	Material Type B	2000	Supplier B	2024-06-21
3	Material Type C	1500	Supplier C	2024-06-22
4	Material Type D	1200	Supplier D	2024-06-23
5	Material Type E	1800	Supplier E	2024-06-24
6	Material Type F	900	Supplier F	2024-06-25
7	Material Type G	1100	Supplier G	2024-06-26
8	Material Type H	1700	Supplier H	2024-06-27
9	Material Type I	1300	Supplier I	2024-06-28
10	Material Type J	1600	Supplier J	2024-06-29

Finished_ Products Table:

```
SELECT* FROM Finished_Products;
```

33 %

Results | Messages

	Type	Customization_Details	Finished_Name	Finished_Price
1	Product Type A	Customization A	Product A	49.99
2	Product Type B	Customization B	Product B	59.99
3	Product Type C	Customization C	Product C	69.99
4	Product Type D	Customization D	Product D	79.99
5	Product Type E	Customization E	Product E	89.99
6	Product Type F	Customization F	Product F	99.99
7	Product Type G	Customization G	Product G	109.99
8	Product Type H	Customization H	Product H	119.99
9	Product Type I	Customization I	Product I	129.99
10	Product Type J	Customization J	Product J	139.99

Employees Table:

```
SELECT* FROM Employees;
```

133 %

Results | Messages

	E_Id	E_Name	Position	Schedule
1	1	Jack Miller	Technician	2024-06-10
2	2	Emma Harris	Operator	2024-06-11
3	3	Olivia Clark	Supervisor	2024-06-12
4	4	Liam Lewis	Engineer	2024-06-13
5	5	Noah Walker	Manager	2024-06-14
6	6	Sophia Young	Technician	2024-06-15
7	7	Lucas King	Operator	2024-06-16
8	8	Mason Wright	Supervisor	2024-06-17
9	9	Amelia Scott	Engineer	2024-06-18
10	10	Ethan Green	Manager	2024-06-19

Customer Table:

```
SELECT* FROM Customers;
```

133 %

Results | Messages

	C_Id	C_Name	Phone_No
1	1	John Doe	123-456-7890
2	2	Jane Smith	234-567-8901
3	3	Alice Johnson	345-678-9012
4	4	Robert Brown	456-789-0123
5	5	Michael Davis	567-890-1234
6	6	Linda Martinez	678-901-2345
7	7	David Wilson	789-012-3456
8	8	Maria Garcia	890-123-4567
9	9	James Anderson	901-234-5678
10	10	Patricia Thomas	012-345-6789

Orders Table:

```
SELECT* FROM Orders;
```

133 %

Results | Messages

	O_Id	Billing	O_Quantity	Delivery_Date	C_Id	E_Id
1	1	499.90	10	2024-06-20	1	1
2	2	799.90	10	2024-06-21	2	2
3	3	299.95	5	2024-06-22	3	3
4	4	599.90	10	2024-06-23	4	4
5	5	1199.90	10	2024-06-24	5	5
6	6	239.92	8	2024-06-25	6	6
7	7	899.85	15	2024-06-26	7	7
8	8	179.94	6	2024-06-27	8	8
9	9	149.95	5	2024-06-28	9	9
10	10	299.90	10	2024-06-29	10	10

Maintenance_ Task Table:

```
SELECT* FROM  Maintenance_Task;
```

133 %

Results | Messages

	m_Id	Description	Due_Date	Id
1	1	Task 1	2024-06-20	1
2	2	Task 2	2024-06-21	2
3	3	Task 3	2024-06-22	3
4	4	Task 4	2024-06-23	4
5	5	Task 5	2024-06-24	5
6	6	Task 6	2024-06-25	6
7	7	Task 7	2024-06-26	7
8	8	Task 8	2024-06-27	8
9	9	Task 9	2024-06-28	9
10	10	Task 10	2024-06-29	10

Exhibit Table:

```
SELECT* FROM  Maintenance_Task;
SELECT* FROM  Exhibit;
```

133 %

Results | Messages

	m_Id	E_Id
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10

Has Table:

```
SELECT* FROM  Has ;
```

133 %

Results | Messages

	Finished_Name	O_Id
1	Product A	1
2	Product B	2
3	Product C	3
4	Product D	4
5	Product E	5
6	Product F	6
7	Product G	7
8	Product H	8
9	Product I	9
10	Product J	10

Engage Table:

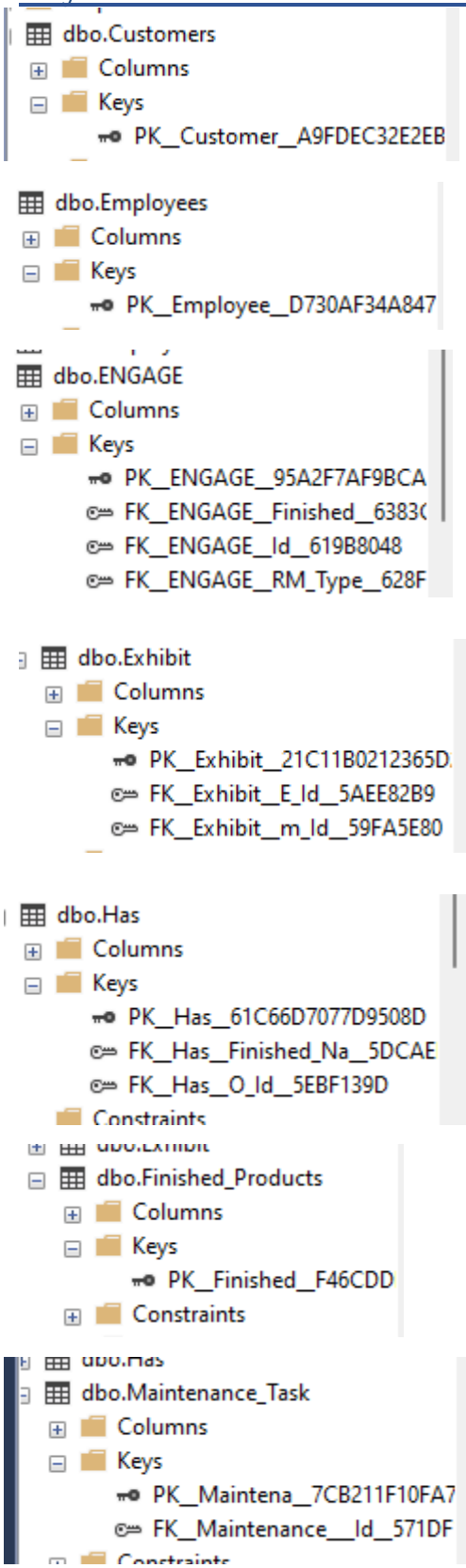
```
SELECT* FROM ENGAGE;
```

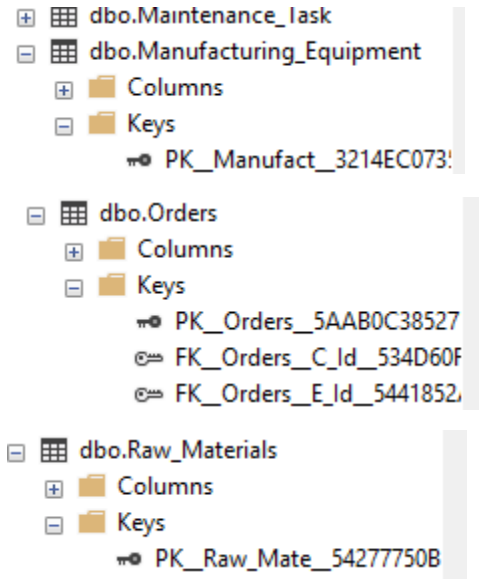
133 %

Results | Messages

	RM_Type	Finished_Name	Id
1	Material Type A	Product A	1
2	Material Type B	Product B	2
3	Material Type C	Product C	3
4	Material Type D	Product D	4
5	Material Type E	Product E	5
6	Material Type F	Product F	6
7	Material Type G	Product G	7
8	Material Type H	Product H	8
9	Material Type I	Product I	9
10	Material Type J	Product J	10

Keys and Constraints of Table:




dbo.Maintenance_Task
dbo.Manufacturing_Equipment
Columns
Keys
PK__Manufact__3214EC073
dbo.Orders
Columns
Keys
PK__Orders__5AAB0C38527
FK__Orders__C_Id__534D60F
FK__Orders__E_Id__5441852
dbo.Raw_Materials
Columns
Keys
PK__Raw_Mate__54277750B

Basic Queries:

```
SELECT  DISTINCT C_name
FROM Customers;
```

133 %

Results | Messages

	C_name
1	Alice Johnson
2	David Wilson
3	James Anderson
4	Jane Smith
5	John Doe
6	Linda Martinez
7	Maria Garcia
8	Michael Davis
9	Patricia Thomas
10	Robert Brown

```
SELECT * FROM Finished_Products
WHERE Finished_Price<=139.99;
```

%

Results | Messages

Type	Customization_Details	Finished_Name	Finished_Price
Product Type A	Customization A	Product A	49.99
Product Type B	Customization B	Product B	59.99
Product Type C	Customization C	Product C	69.99
Product Type D	Customization D	Product D	79.99
Product Type E	Customization E	Product E	89.99
Product Type F	Customization F	Product F	99.99
Product Type G	Customization G	Product G	109.99
Product Type H	Customization H	Product H	119.99
Product Type I	Customization I	Product I	129.99
Product Type J	Customization J	Product J	139.99

```
WHERE O_Quantity BETWEEN 5 AND 10;
SELECT * FROM  Employees
ORDER BY E_Name ASC;
```

Results | Messages

E_Id	E_Name	Position	Schedule
9	Amelia Scott	Engineer	2024-06-18
2	Emma Harris	Operator	2024-06-11
10	Ethan Green	Manager	2024-06-19
1	Jack Miller	Technician	2024-06-10
4	Liam Lewis	Engineer	2024-06-13
7	Lucas King	Operator	2024-06-16
8	Mason Wright	Supervisor	2024-06-17
5	Noah Walker	Manager	2024-06-14
3	Olivia Clark	Supervisor	2024-06-12
6	Sophia Young	Technician	2024-06-15

```
SELECT* FROM Orders
WHERE O_Quantity BETWEEN 5 AND 10;
SELECT * FROM  Employees
ORDER BY E_Name ASC;
```

133 %

Results | Messages

	O_Id	Billing	O_Quantity	Delivery_Date	C_Id	E_Id
1	1	499.90	10	2024-06-20	1	1
2	2	799.90	10	2024-06-21	2	2
3	3	299.95	5	2024-06-22	3	3
4	4	599.90	10	2024-06-23	4	4
5	5	1199.90	10	2024-06-24	5	5
6	6	239.92	8	2024-06-25	6	6
7	8	179.94	6	2024-06-27	8	8
8	9	149.95	5	2024-06-28	9	9
9	10	299.90	10	2024-06-29	10	10

```
SELECT CHARINDEX('le',' Jack Miller') AS MATCHCOLUMN;
```

33 %

Results | Messages

	MATCHCOLUMN
1	10

```
SELECT * FROM Maintenance_Task
WHERE Description IS  NOT NULL;
```

133 %

Results | Messages

	m_Id	Description	Due_Date	Id
1	1	Task 1	2024-06-20	1
2	2	Task 2	2024-06-21	2
3	3	Task 3	2024-06-22	3
4	4	Task 4	2024-06-23	4
5	5	Task 5	2024-06-24	5
6	6	Task 6	2024-06-25	6
7	7	Task 7	2024-06-26	7
8	8	Task 8	2024-06-27	8
9	9	Task 9	2024-06-28	9
10	10	Task 10	2024-06-29	1...

```
SELECT LEN(C_Name) AS Fixedlength
FROM Customers;
```

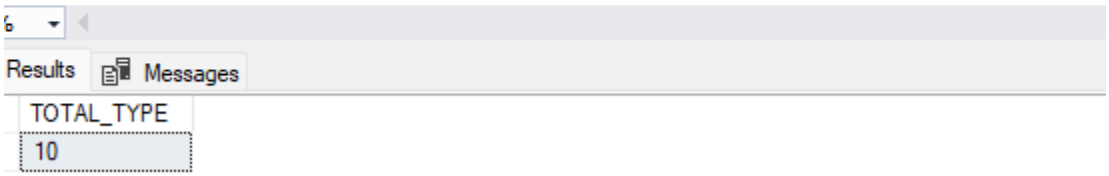
133 %

Results | Messages

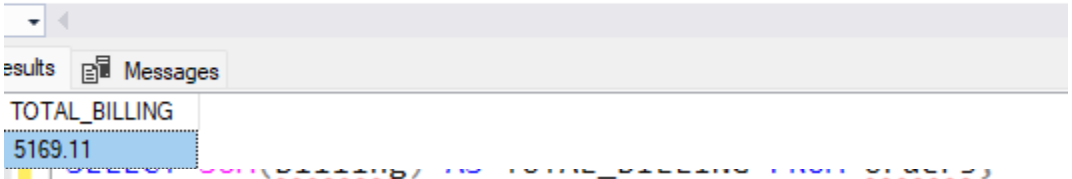
	Fixedlength
1	8
2	10
3	13
4	12
5	13
6	14
7	12
8	12
9	14
10	15

Aggregate Functions:

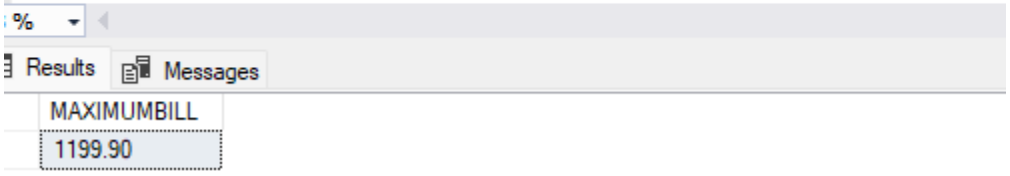
```
SELECT COUNT (RM_Type)AS TOTAL_TYPE FROM Raw_Materials;
```




```
SELECT SUM(Billing) AS TOTAL_BILLING FROM Orders;
```




```
SELECT MAX (Billing) AS MAXIMUMBILL FROM Orders;
```



```
SELECT MAX (Billing) AS MAXIMUMBILL FROM Orders;
SELECT COUNT (RM_Type)AS TOTAL_TYPE ,Supplier
FROM Raw_Materials
GROUP BY Supplier;
```

133 %

Results | Messages

	TOTAL_TYPE	Supplier
1	1	Supplier A
2	1	Supplier B
3	1	Supplier C
4	1	Supplier D
5	1	Supplier E
6	1	Supplier F
7	1	Supplier G
8	1	Supplier H
9	1	Supplier I
10	1	Supplier J

```
SELECT * FROM Orders LEFT JOIN Customers ON(Orders.C_Id=Customers.C_ID);
```

133 %

Results | Messages

	O_Id	Billing	O_Quantity	Delivery_Date	C_Id	E_Id	C_Id	C_Name	Phone_No
1	1	499.90	10	2024-06-20	1	1	1	John Doe	123-456-7890
2	2	799.90	10	2024-06-21	2	2	2	Jane Smith	234-567-8901
3	3	299.95	5	2024-06-22	3	3	3	Alice Johnson	345-678-9012
4	4	599.90	10	2024-06-23	4	4	4	Robert Brown	456-789-0123
5	5	1199.90	10	2024-06-24	5	5	5	Michael Davis	567-890-1234
6	6	239.92	8	2024-06-25	6	6	6	Linda Martinez	678-901-2345
7	7	899.85	15	2024-06-26	7	7	7	David Wilson	789-012-3456
8	8	179.94	6	2024-06-27	8	8	8	Maria Garcia	890-123-4567
9	9	149.95	5	2024-06-28	9	9	9	James Anderson	901-234-5678
10	10	299.90	10	2024-06-29	10	10	10	Patricia Thomas	012-345-6789

```
SELECT * FROM Maintenance_Task RIGHT  JOIN Manufacturing_Equipment
ON(Maintenance_Task.Id=Manufacturing_Equipment.ID);
```

Results | Messages

m_Id	Description	Due_Date	Id	Id	Type	Capacity	Maintenance_Schedule
1	Task 1	2024-06-20	1	1	Machine Type A	100 units/day	2024-06-10
2	Task 2	2024-06-21	2	2	Machine Type B	200 units/day	2024-06-11
3	Task 3	2024-06-22	3	3	Machine Type C	150 units/day	2024-06-12
4	Task 4	2024-06-23	4	4	Machine Type D	120 units/day	2024-06-13
5	Task 5	2024-06-24	5	5	Machine Type E	180 units/day	2024-06-14
6	Task 6	2024-06-25	6	6	Machine Type F	90 units/day	2024-06-15
7	Task 7	2024-06-26	7	7	Machine Type G	110 units/day	2024-06-16
8	Task 8	2024-06-27	8	8	Machine Type H	170 units/day	2024-06-17
9	Task 9	2024-06-28	9	9	Machine Type I	130 units/day	2024-06-18
10	Task 10	2024-06-29	1...	1...	Machine Type J	160 units/day	2024-06-19

Query executed successfully