

السلام عليكم
مجموعة رقم G3

Supervisors Names

1-Dr.Wael Zakaria

2-Dr.Mohamed Hashim

أبانوب عاطف حمدى جرجس : Team Leader

Members:

- 1-ابانوب عاطف حمدى جرجس قسم علوم حاسب
- 2-مصطفى كامل احمد حسن قسم علوم حاسب
- 3-عمرو على محمود على قسم علوم حاسب
- 4-محمد احمد محمود عبد الرحيم قسم احصاء حاسب
- 5-محمد سالم عبد السميع سالم قسم علوم حاسب
- 6-محمد عصام محمد محمد قسم احصاء حاسب

The goal of the project

الهدف من المشروع هو عمل دراسة جدوى لای شخص يخطط
لبناء مشروع مصنع ملابس او لديه بالفعل مصنع ملابس
اولا ما معنى دراسة الجدوی:

دراسة الجدوی لو اتكلمت عنها ك abstraction كصورة مجردة
من التفاصيل هي عبارة ان أى لو شخص يريد عمل مشروع من
المفترض انه يكون معاه كام لعمل المشروع ومن المتوقع من
ارباح المشروع الملك له ان يحقق كام

ولكن ان تحدثنا عن دراسة الجدوی بشيء من التفصيل نجد انها
تحتوى ثلاثة دراسات

1- دراسة فنية

2- دراسة مالية

3- دراسة تسويقية

اولا : الدراسة الفنية معناها ان لكي اريد عمل مشروع مصنع
ملابس فاريد ان اعرف احتياجات المشروع من العمالة الازمة

للمشروع بانواعها واريد ايضا ان اعرف ما المكينات التي سوف احتاجها لهذا المشروع ومانوعها وكم تكلفتها

ثانيا : الدراسة المالية تهتم بمعرفة المصارييف الشهرية للمصنع مثل: ايجار المصنع وفاتورة الكهرباء للمصنع واجور ورواتب الموظفين وتكليف لدعائية وتكليف الصيانة الدورية للمكينات وتكليف الاستثمارية للمصنع وهى التكليف منذ بداية التفكير فى المشروع حتى دورة التشغيل الاولى

ومن الدراسة المالية سوف نحصل على بعض التقارير مثل صافي القيمة الحالية ,مثل تحليل الارباح ,مثل معرفة تكليف التشغيل لسنة

وصافي القيمة الحالية بمعنى الفرق بين التكليف الناتجة عن المشروع مثل المصارييف الشهرية و التدفقات المالية الداخلة للمشروع بمعنى ارباح المشروع من المنتجات

وتحيل الارباح هو حاصل قسمة التدفقات المالية الداخلة على صافي القيمة الحالية

وتكليف التشغيل لسنة هو حاصل ضرب المصارييف الشهرية في

12

ثالثا: الدراسة التسويقية هي دراسة تهتم بمعرفة احتياجات السوق اى محلات الملابس من المنتجات التي يصدرها المصنع حيث ان كل منطقة تهتم بمنتجات مختلفة

The rest of requirements of the project

حيث ان المصنع يحتوى على موظفين مثل الخياطين و مندوبي
المبيعات و مندوبي التسويق والكول سنتر

مندوب التسويق هو المسئول عن مواقع التواصل الاجتماعى
الخاص بالمصنع و الدعاية و الاعلان

الكول سنتر هو من يستقبل اتصالات العملاء مثل اصحاب
المحلات

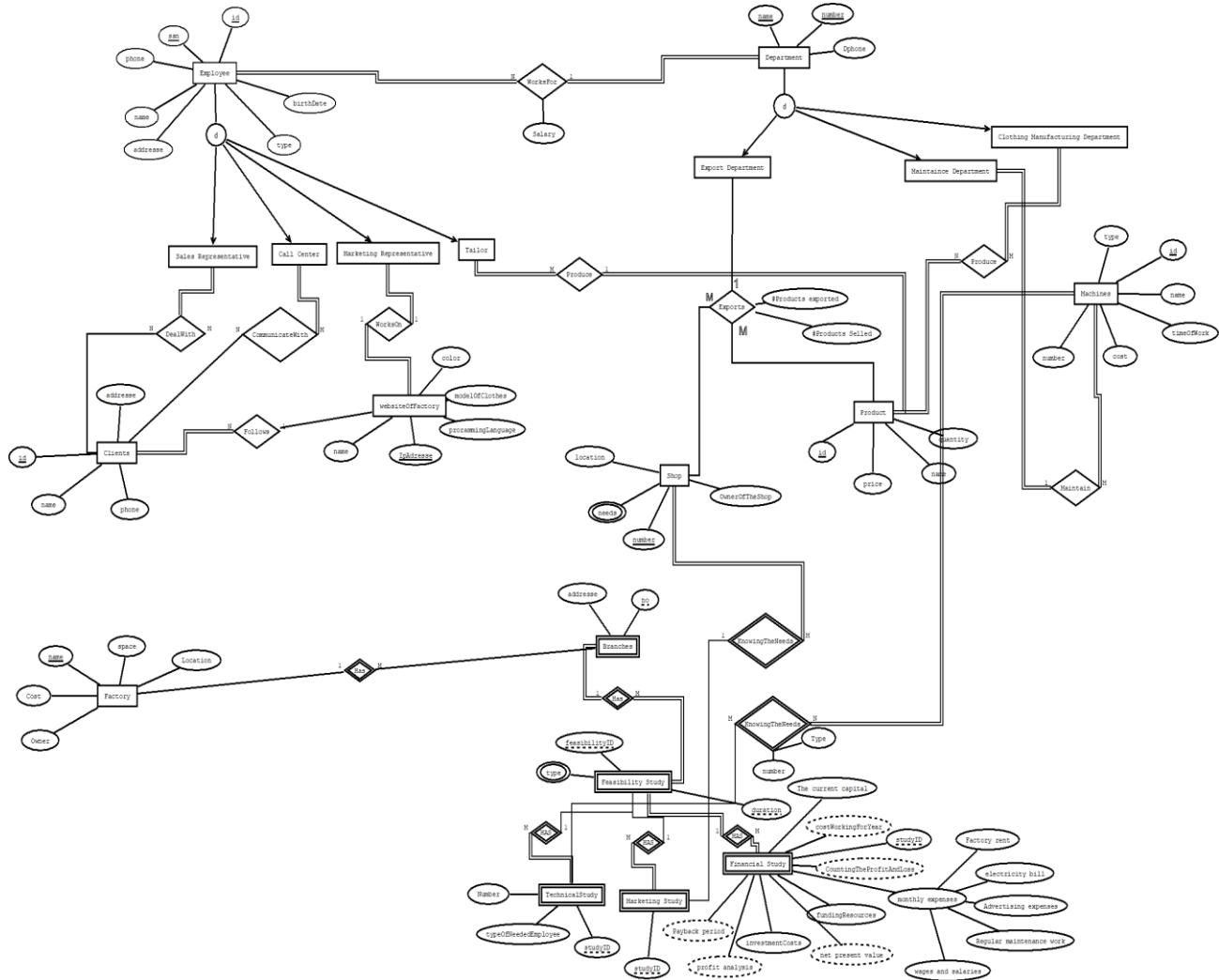
مندوب المبيعات هو من يقوم بتوزيع المنتجات و مسئول عن
التعامل مع المحلات

والمصنع ايضا يحتوى على اقسام مثل قسم التصدير و قسم
الصيانة و قسم صناعة الملابس

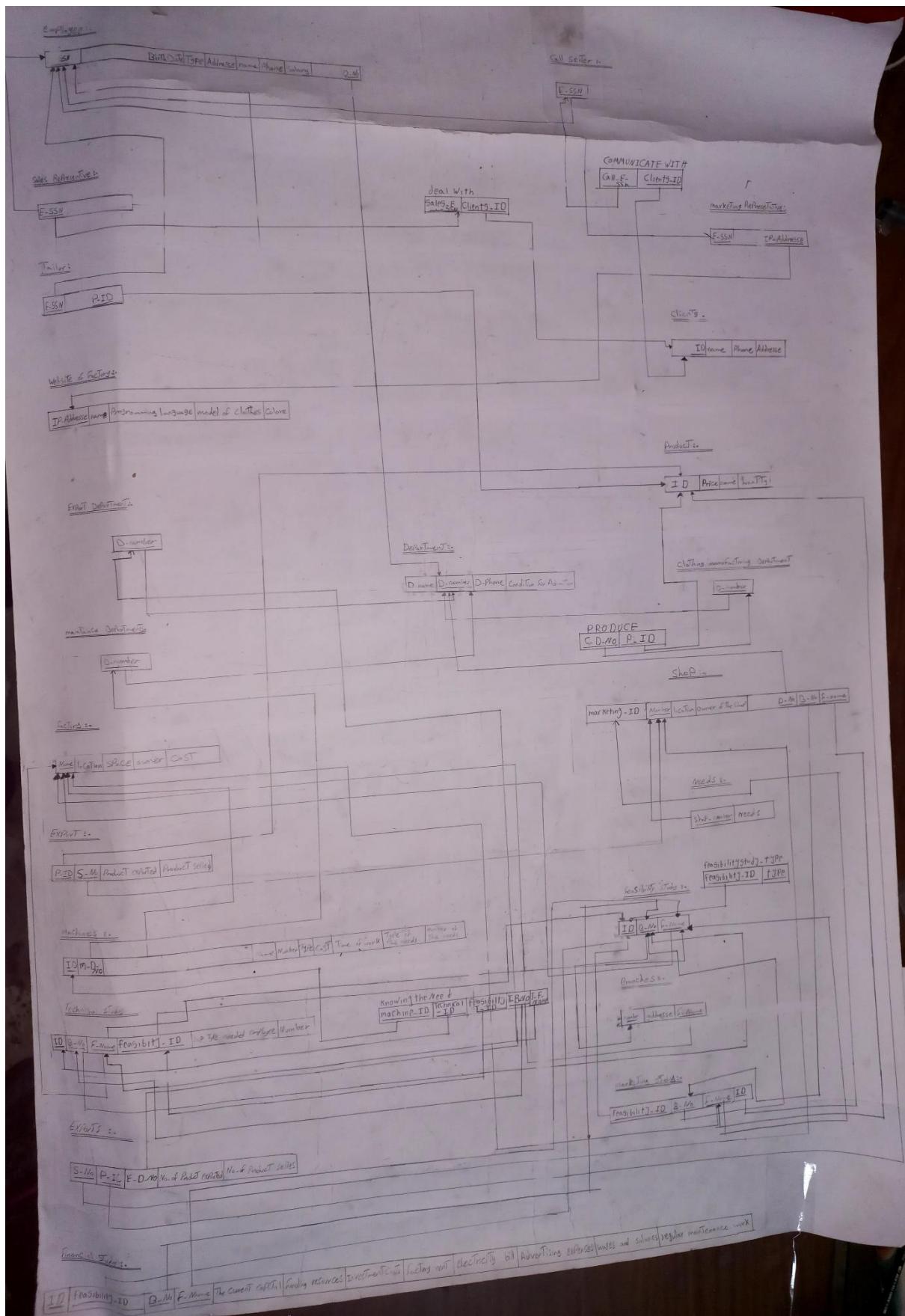
المصنع ايضا يحتوى على مكينات و المسئول عن صيانتها هو قسم
الصيانة

و قسم التصدير هو من يقوم بتصدير المنتج لمختلف المحلات

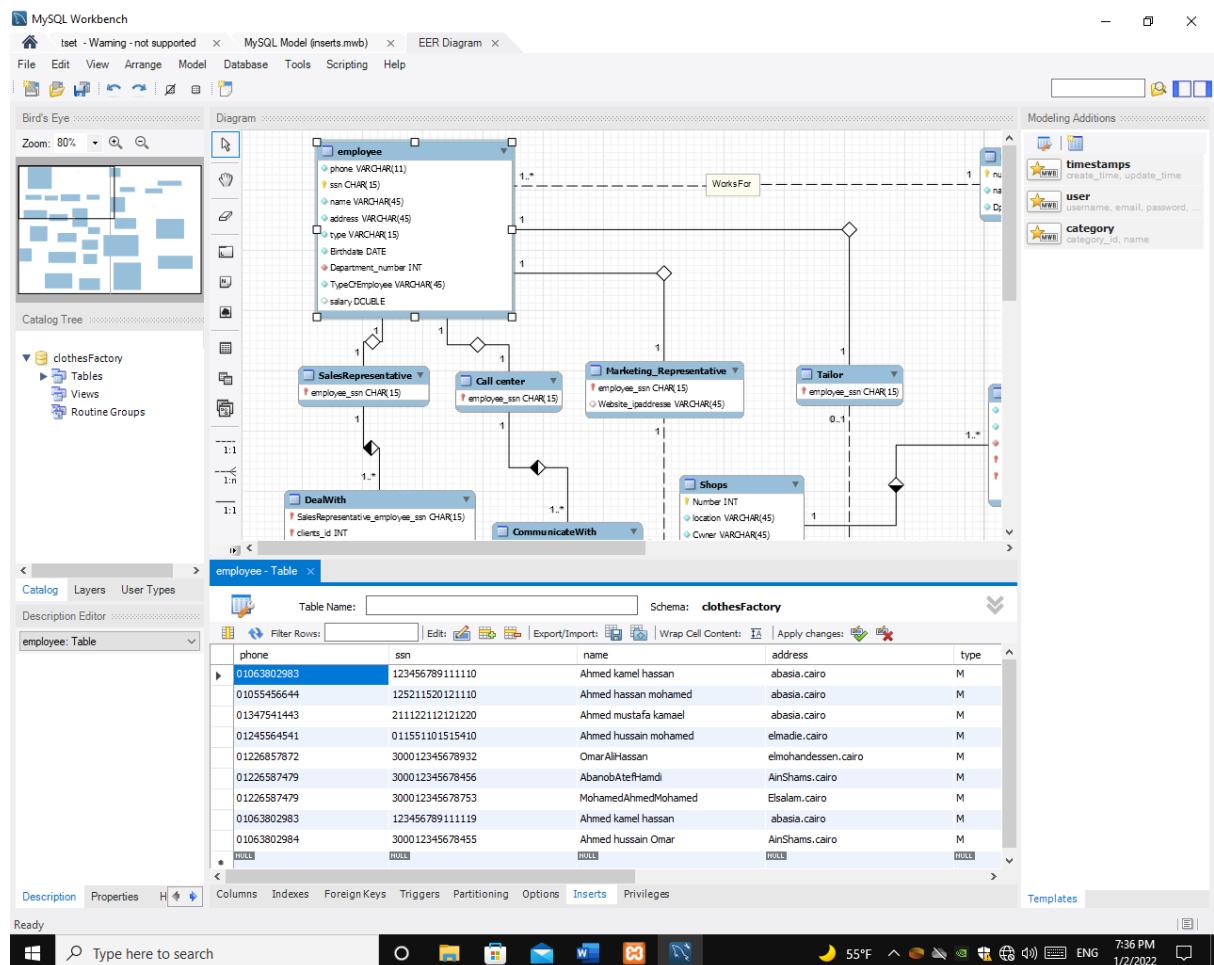
EER Diagram

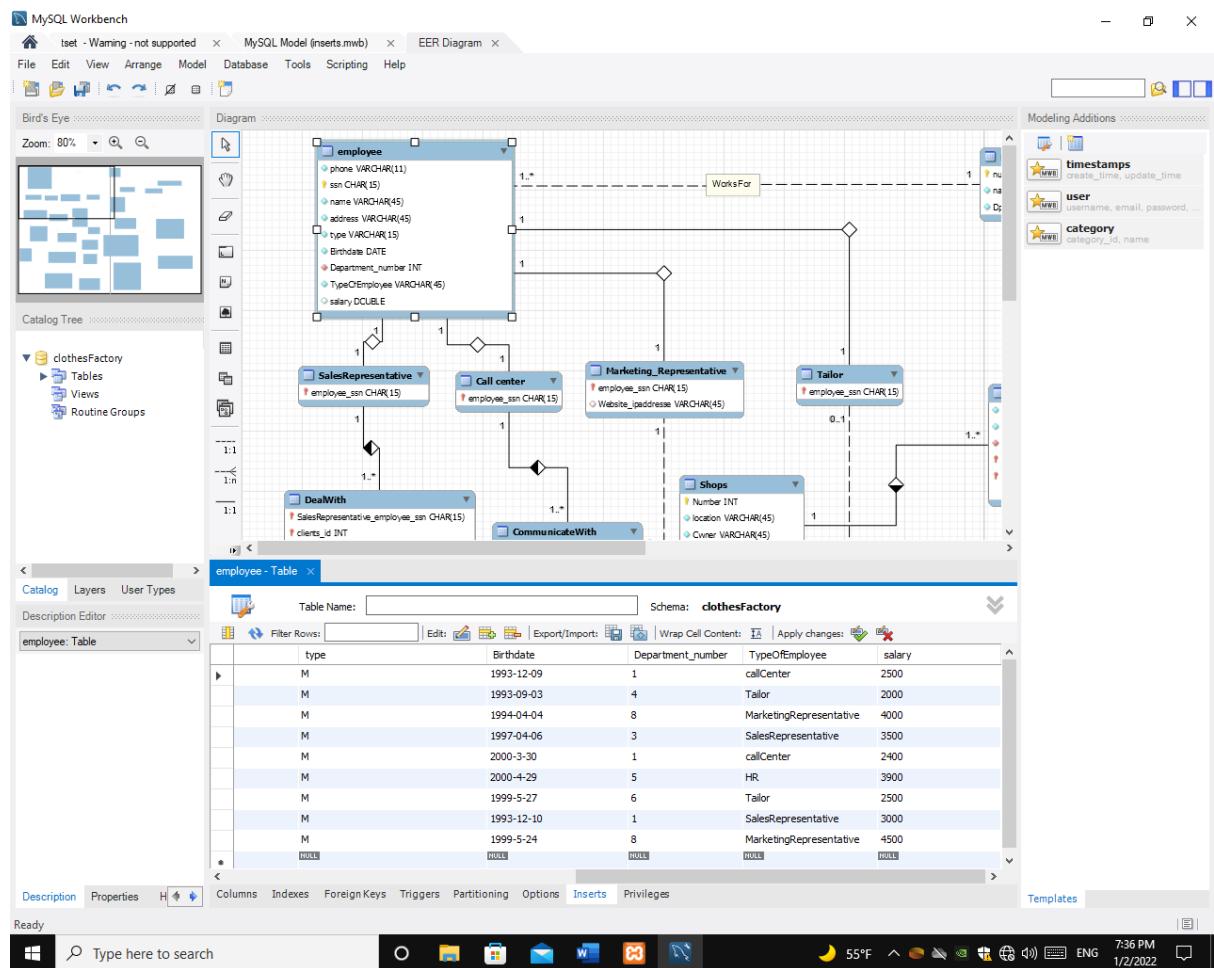


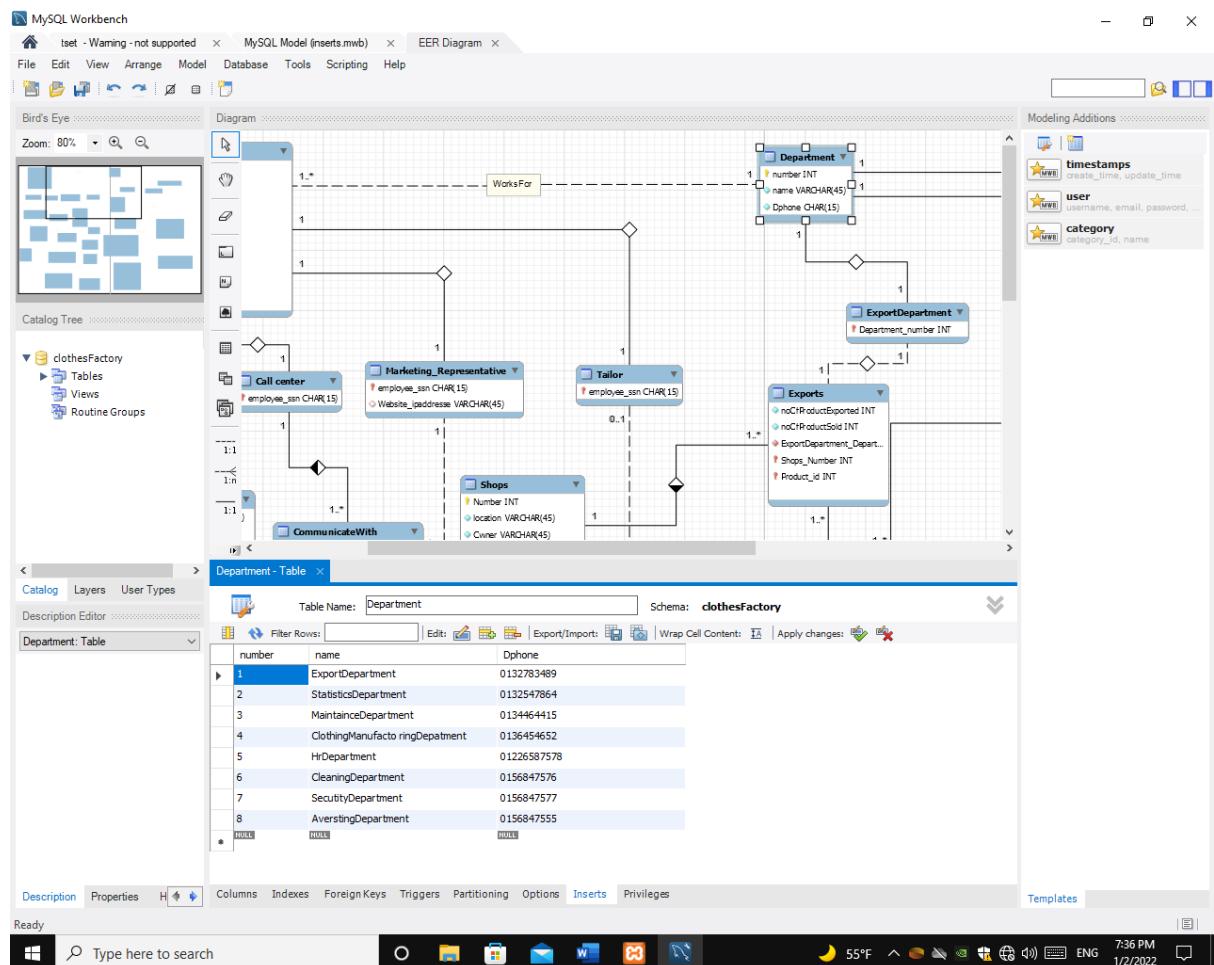
Relational Model

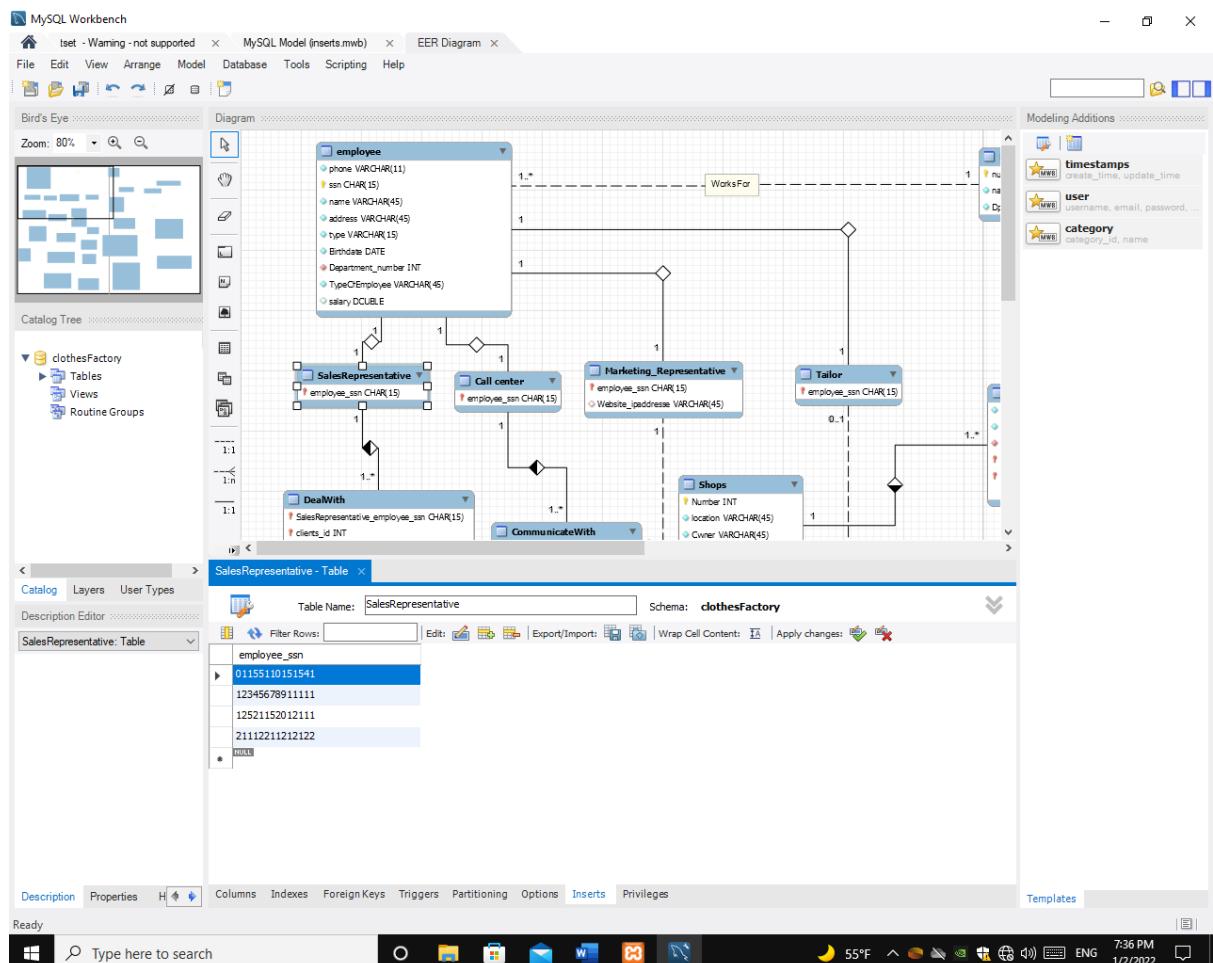


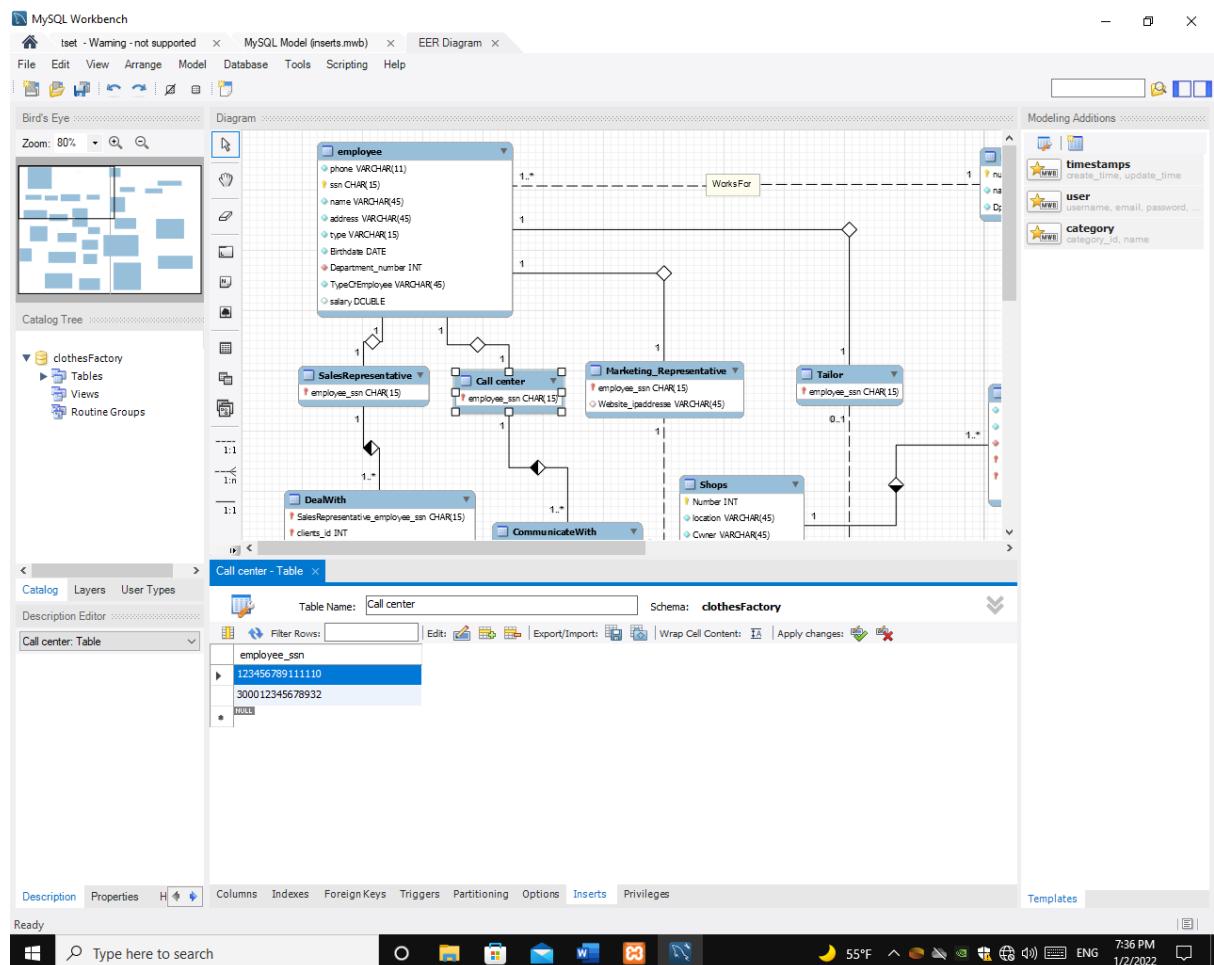
Inserted Data

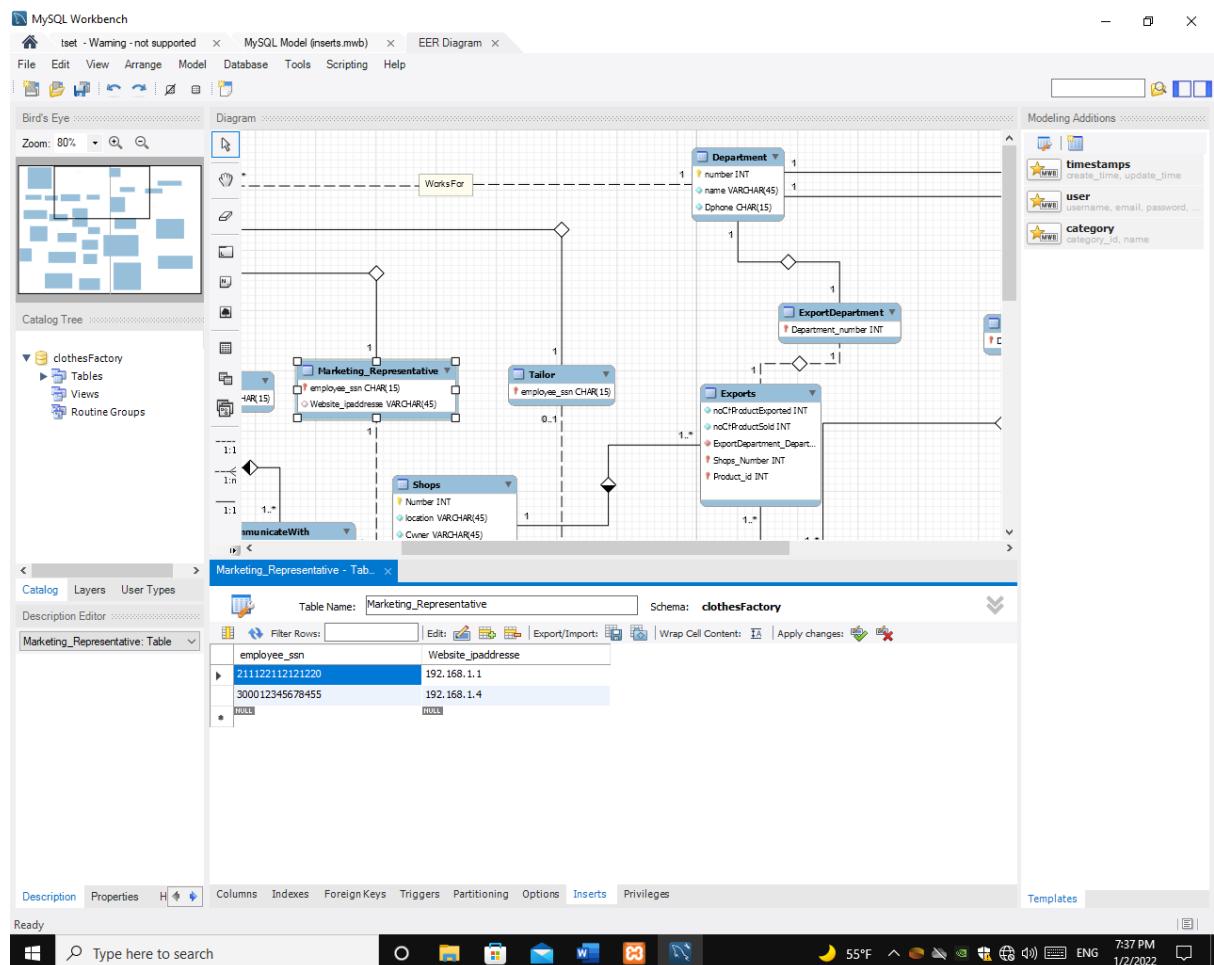


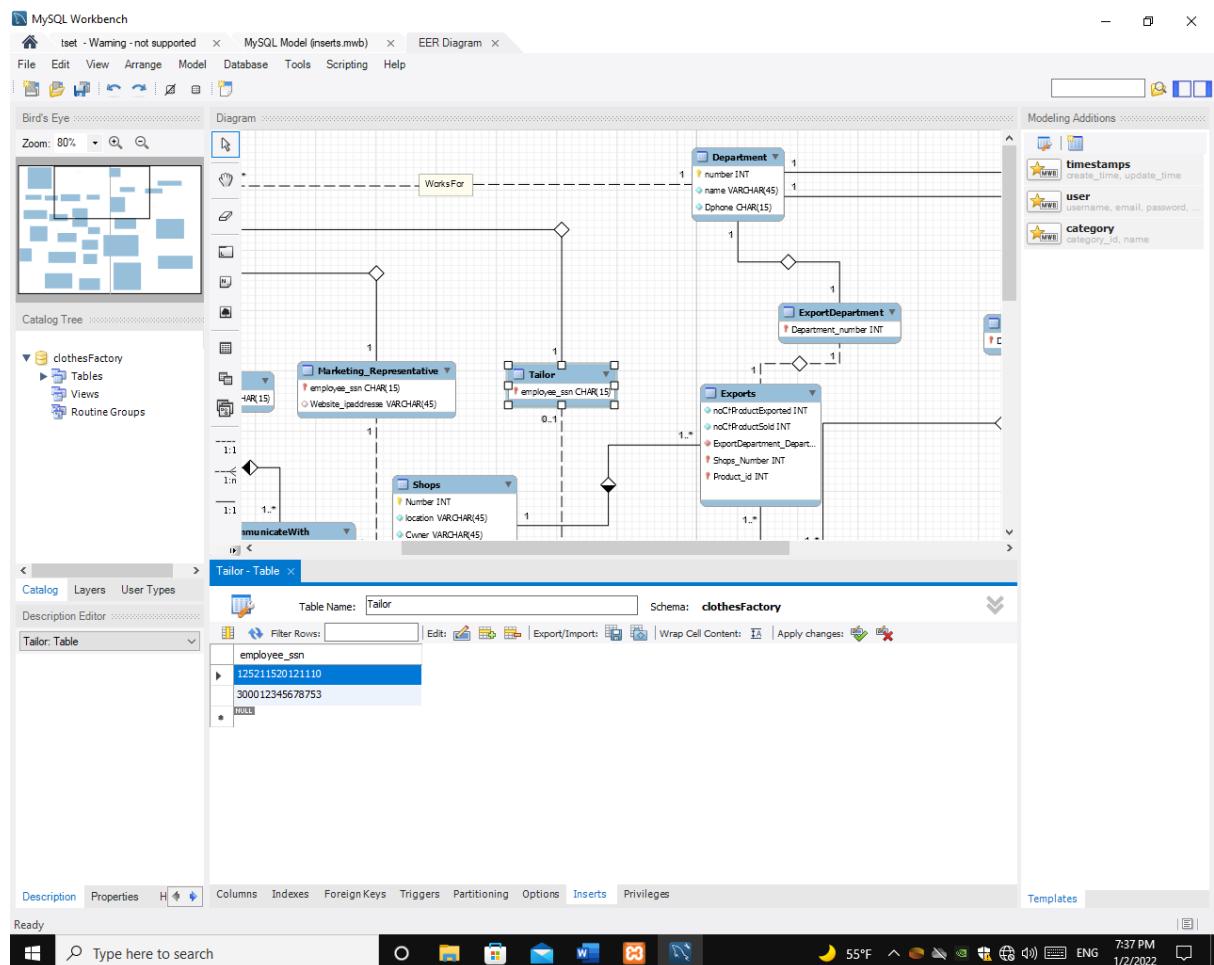


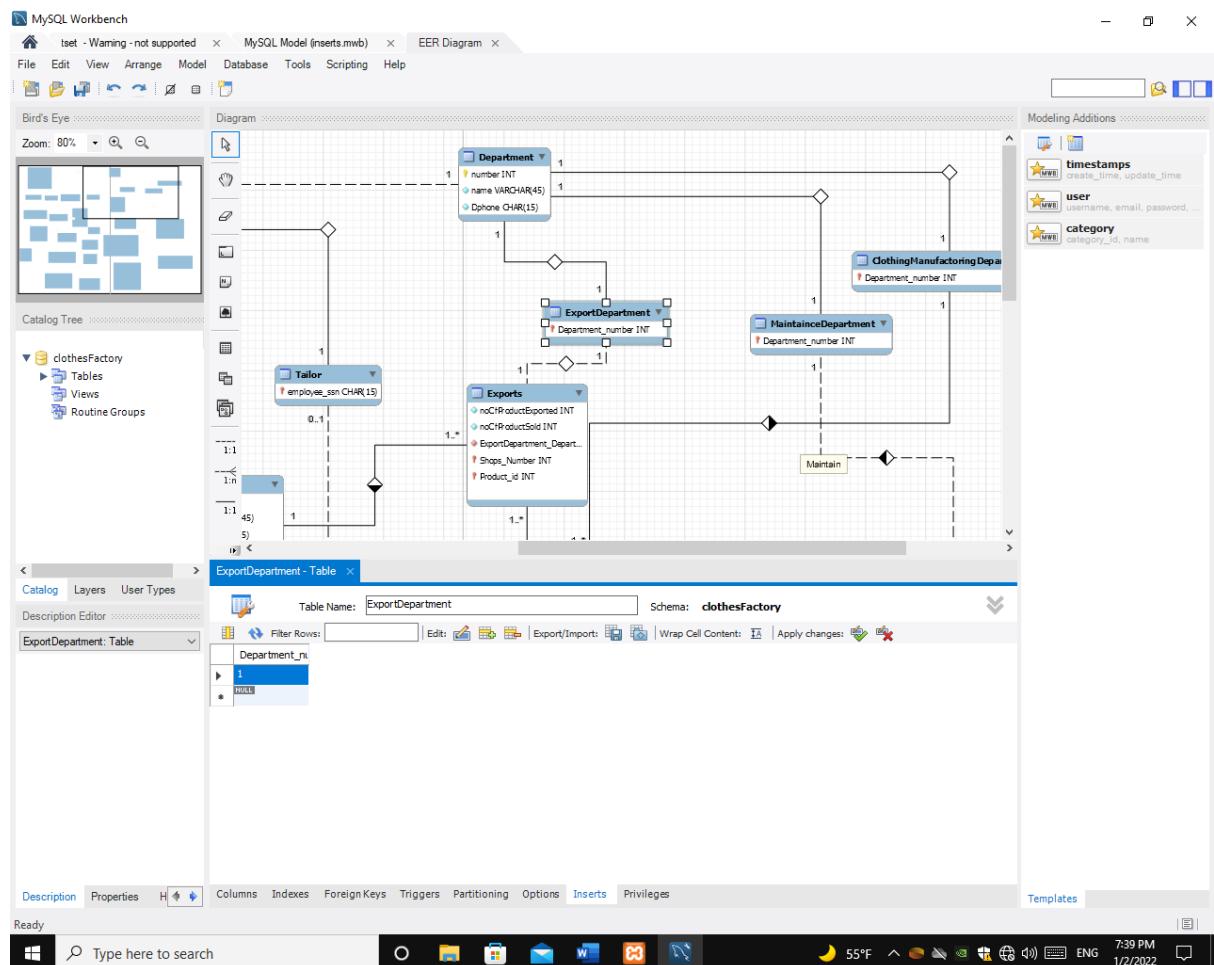


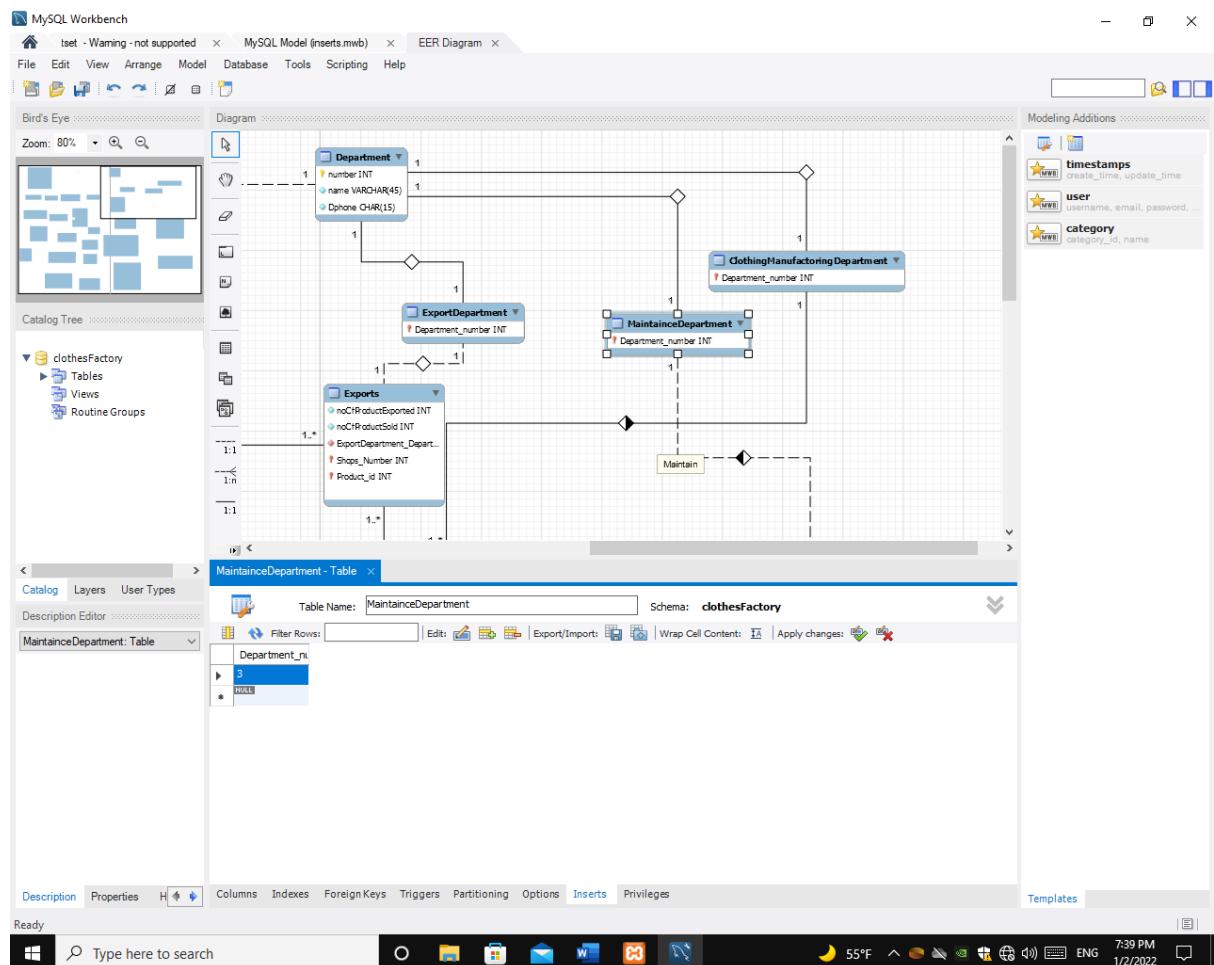


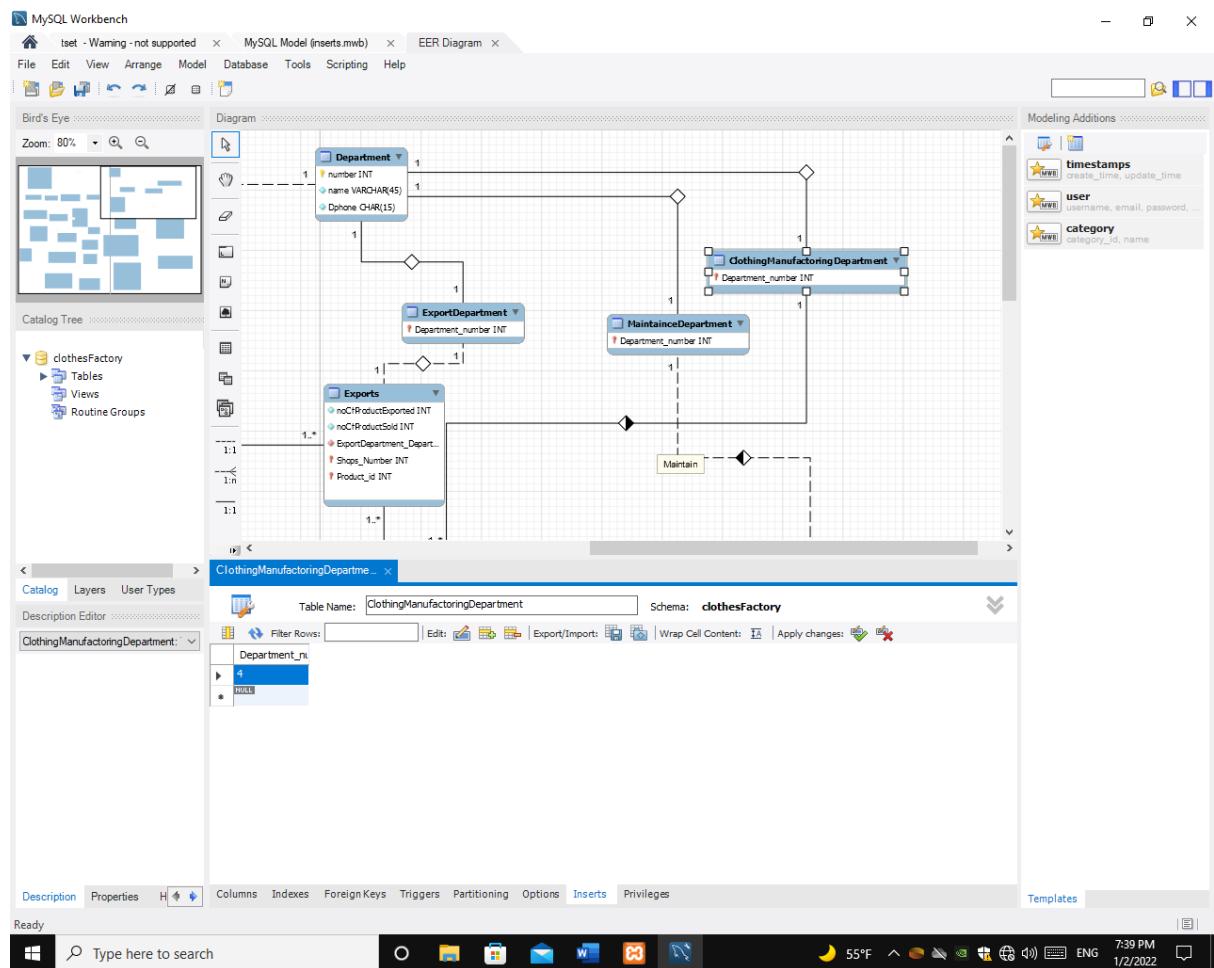


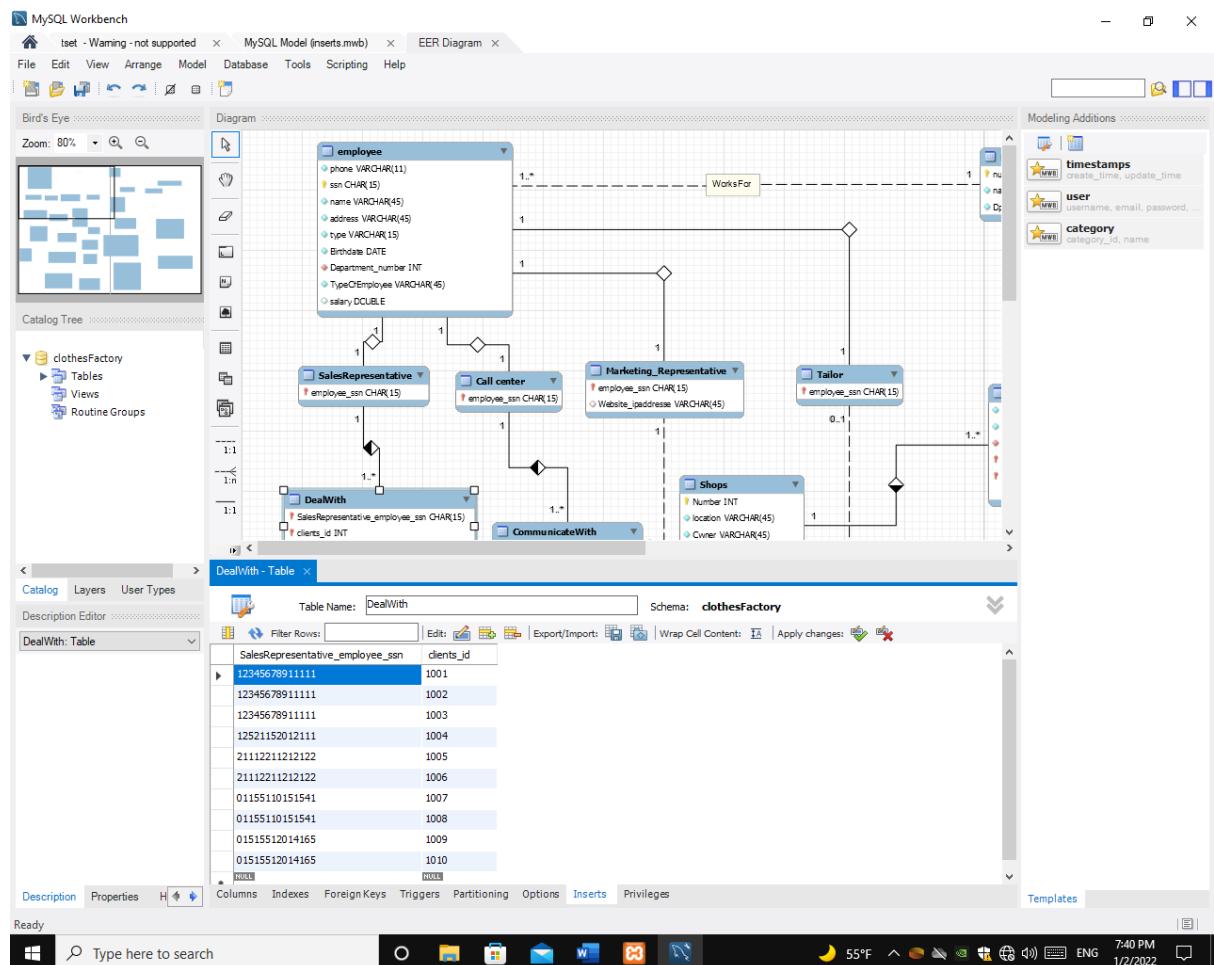












MySQL Workbench

File Edit View Arrange Model Database Tools Scripting Help

Bird's Eye Diagram

Zoom: 80%

Diagram

```

    erDiagram
        employee ||--o{ SalesRepresentative : "SalesRepresentative"
        employee ||--o{ Call center : "Call center"
        employee ||--o{ MarketingRepresentative : "Marketing Representative"
        employee ||--o{ Tailor : "Tailor"
        employee }|--o{ DealWith : "DealWith"
        employee }|--o{ CommunicateWith : "CommunicateWith"
        employee }--o{ Shops : "Shops"
        SalesRepresentative }--o{ DealWith : "DealWith"
        Call center }--o{ DealWith : "DealWith"
        MarketingRepresentative }--o{ DealWith : "DealWith"
        Tailor }--o{ DealWith : "DealWith"
        DealWith }--o{ CommunicateWith : "CommunicateWith"
        Shops }--o{ CommunicateWith : "CommunicateWith"
    }
  
```

Catalog Tree

- clothesFactory
 - Tables
 - Views
 - Routine Groups

clients - Table

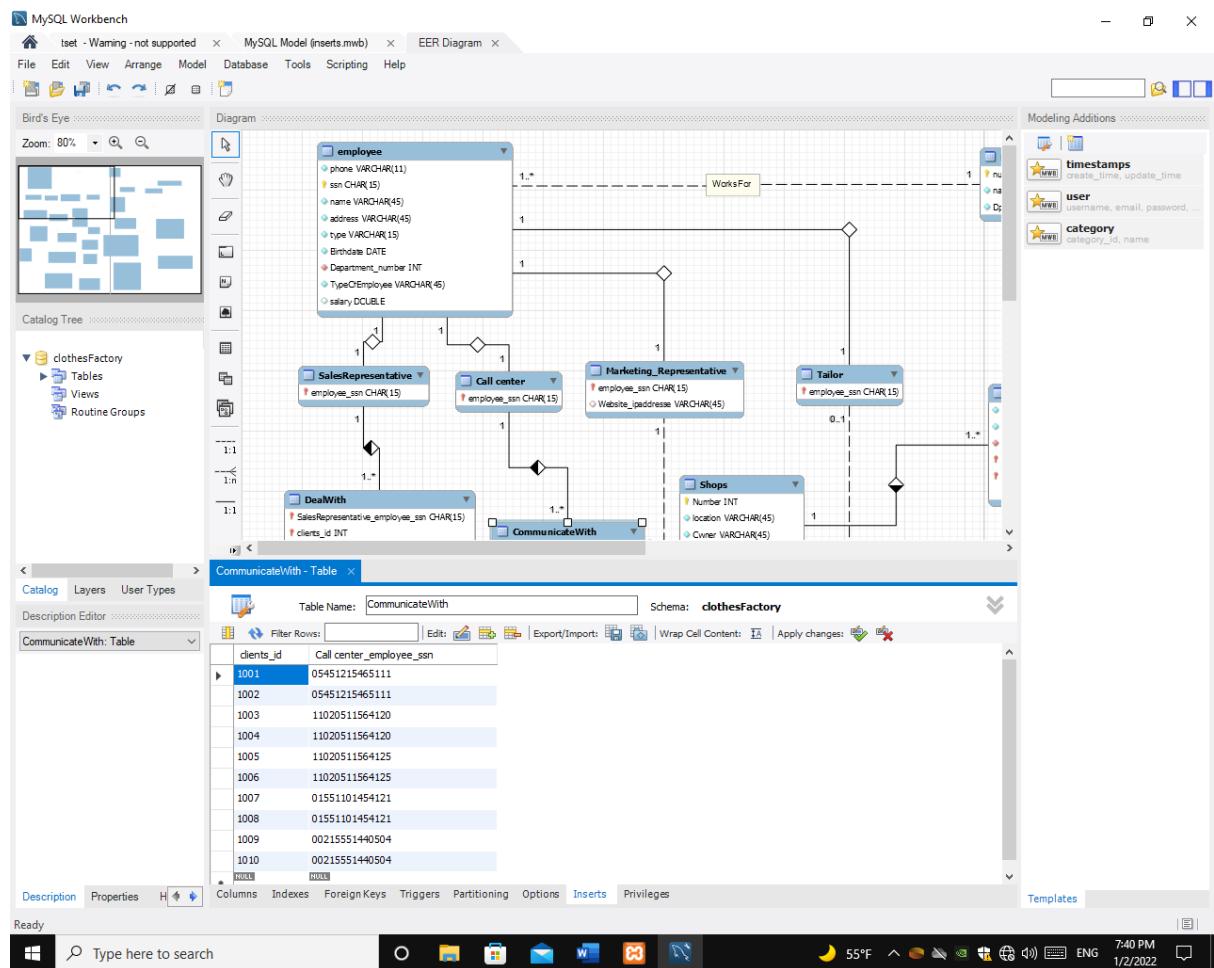
Table Name: clients Schema: clothesFactory

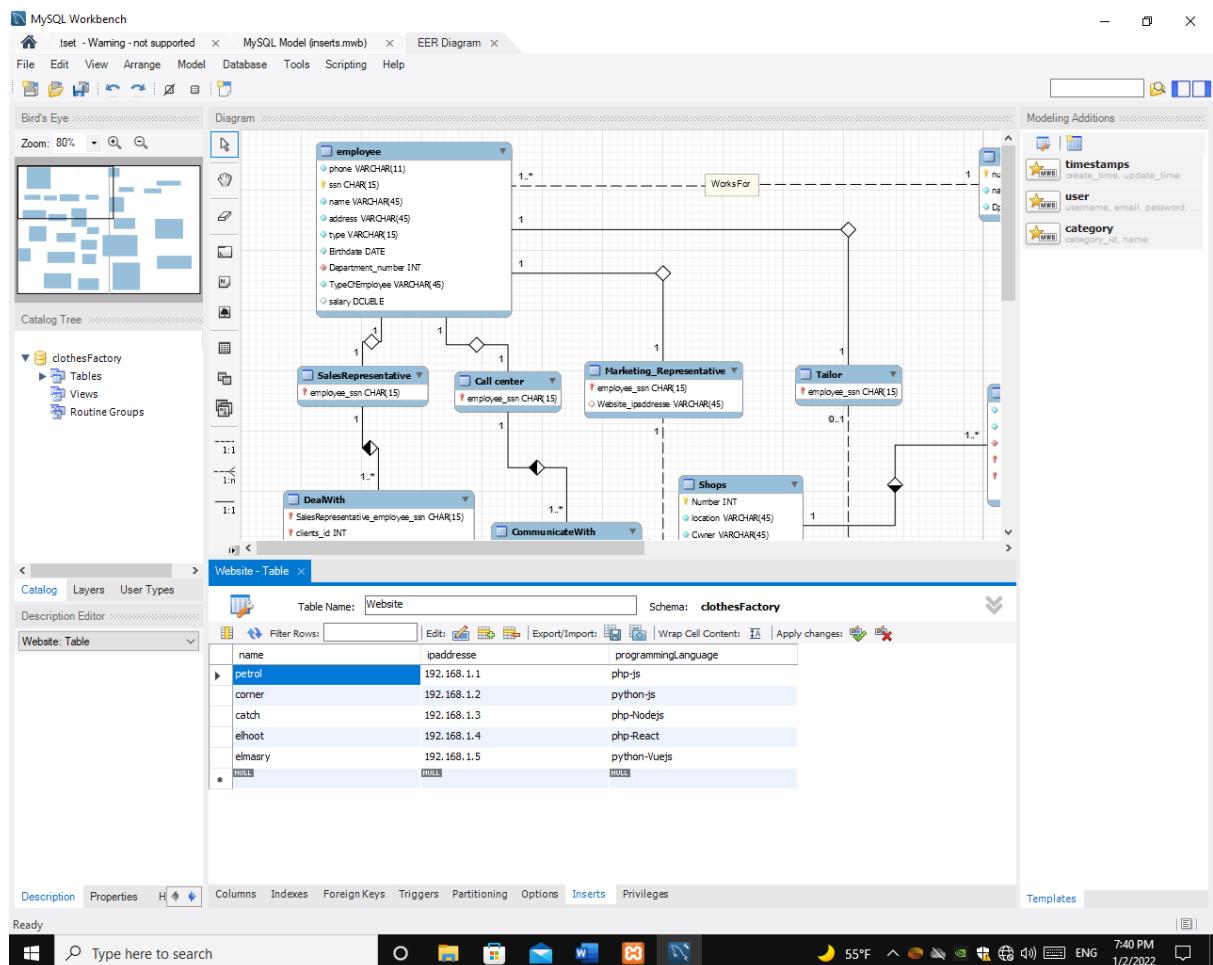
	id	name	phone	adresse	Website_ipadresse
1001	wael mohamed	01012441256	252Adly Mansour.cairo	192.168.1.1	
1002	adel nassim	01052545412	239Hikstep.cairo	192.168.1.2	
1003	mohamed eldousky	04158545666	32Kebaa.cairo	192.168.1.1	
1004	essam sasa	01489499664	656Isham Barakat.cairo	192.168.1.3	
1005	ali 2dora	05649694706	658El-Shams Club.cairo	192.168.1.2	
1006	tamer hosny	01984963414	644Al Masken.cairo	192.168.1.1	
1007	amr diab	12041569456	464Al-Hegaz Square.cairo	192.168.1.4	
1008	amr adeab	01516152121	466Cairo Stadium.cairo	192.168.1.5	
1009	wael elbaeshy	05141646641	466Naguib.cairo	192.168.1.2	
1010	mohamed morsy	02541641163	466Saad Zaghloul.cairo	192.168.1.3	

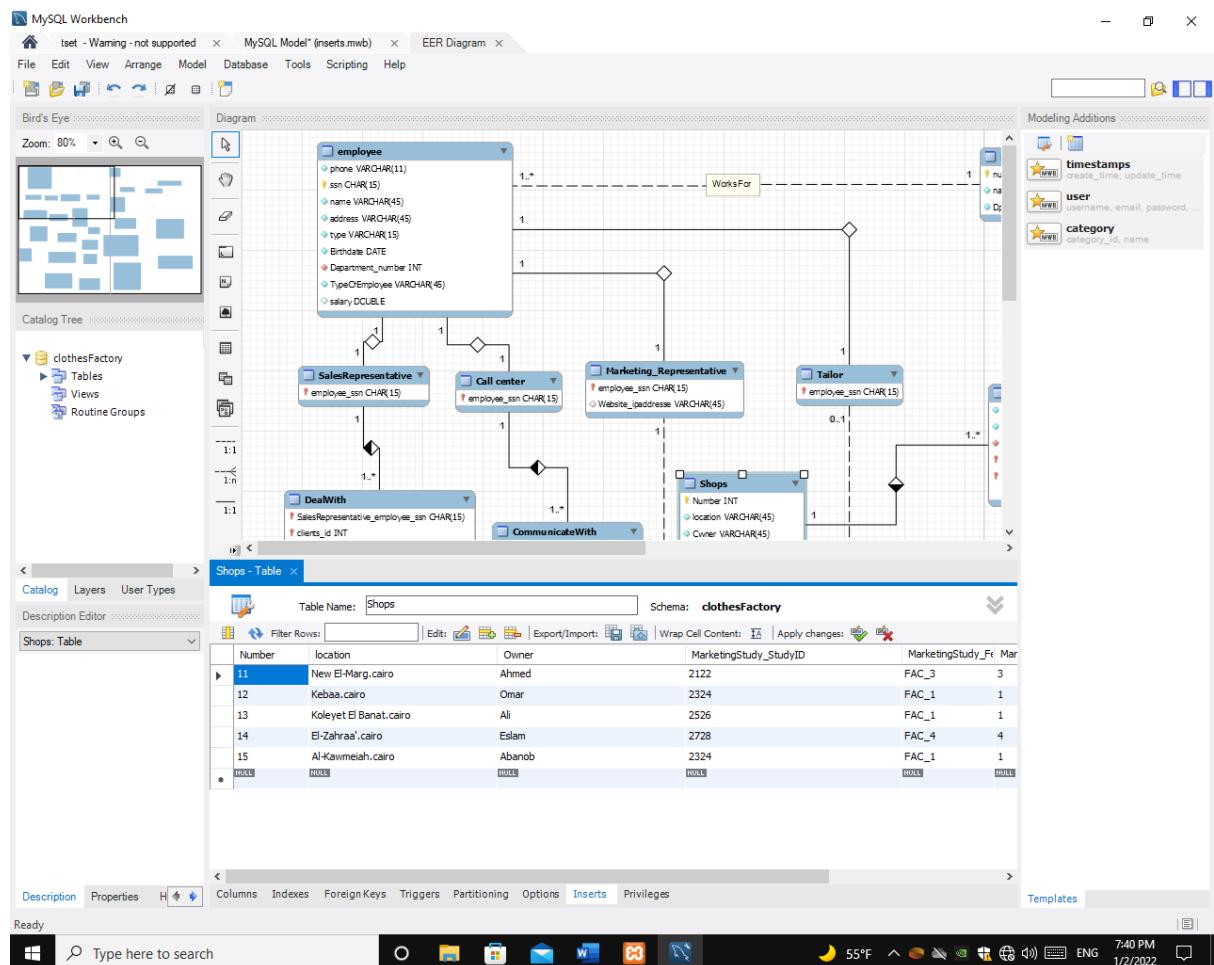
Description Properties

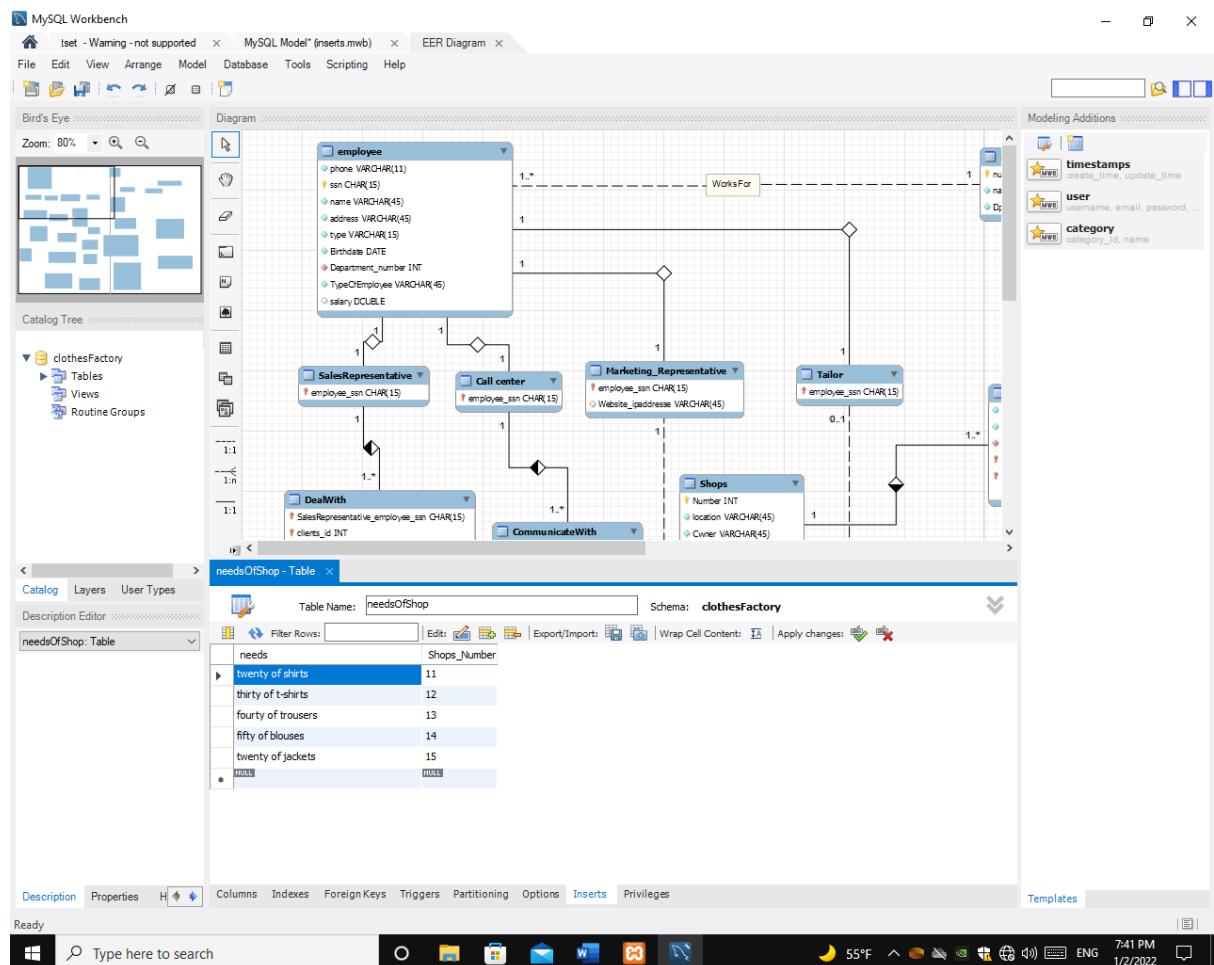
Ready Type here to search

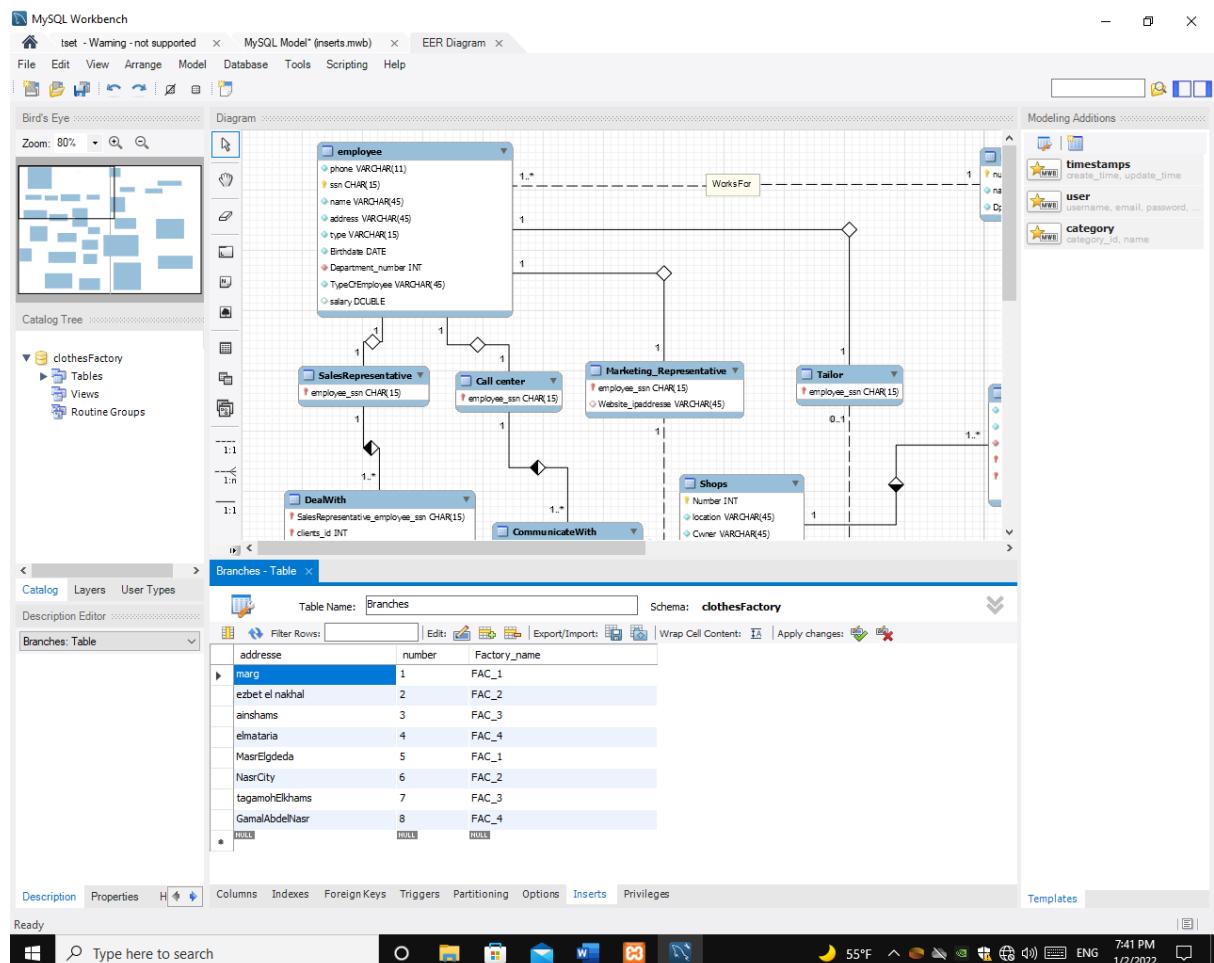
55°F ENG 7:40 PM 1/2/2022

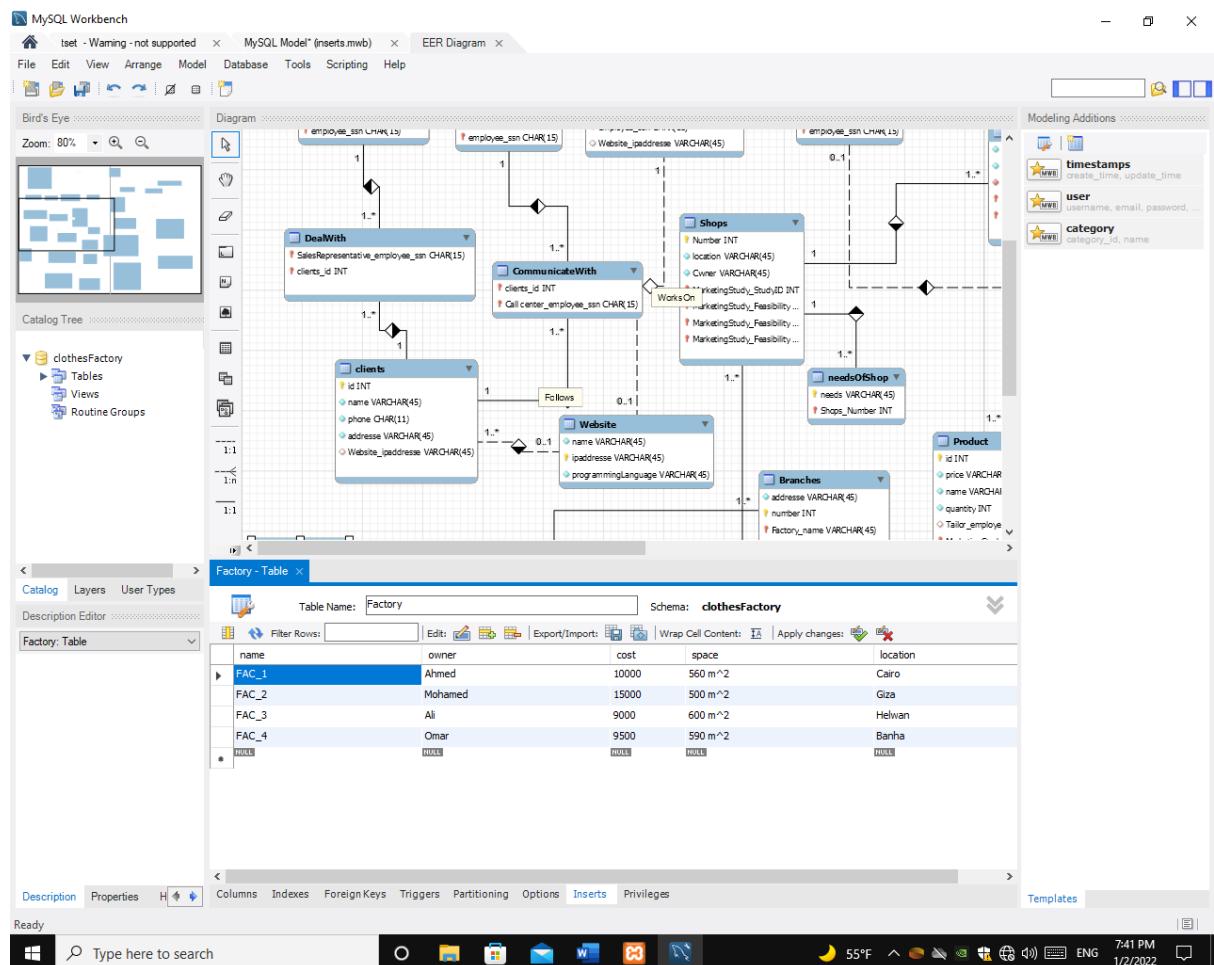


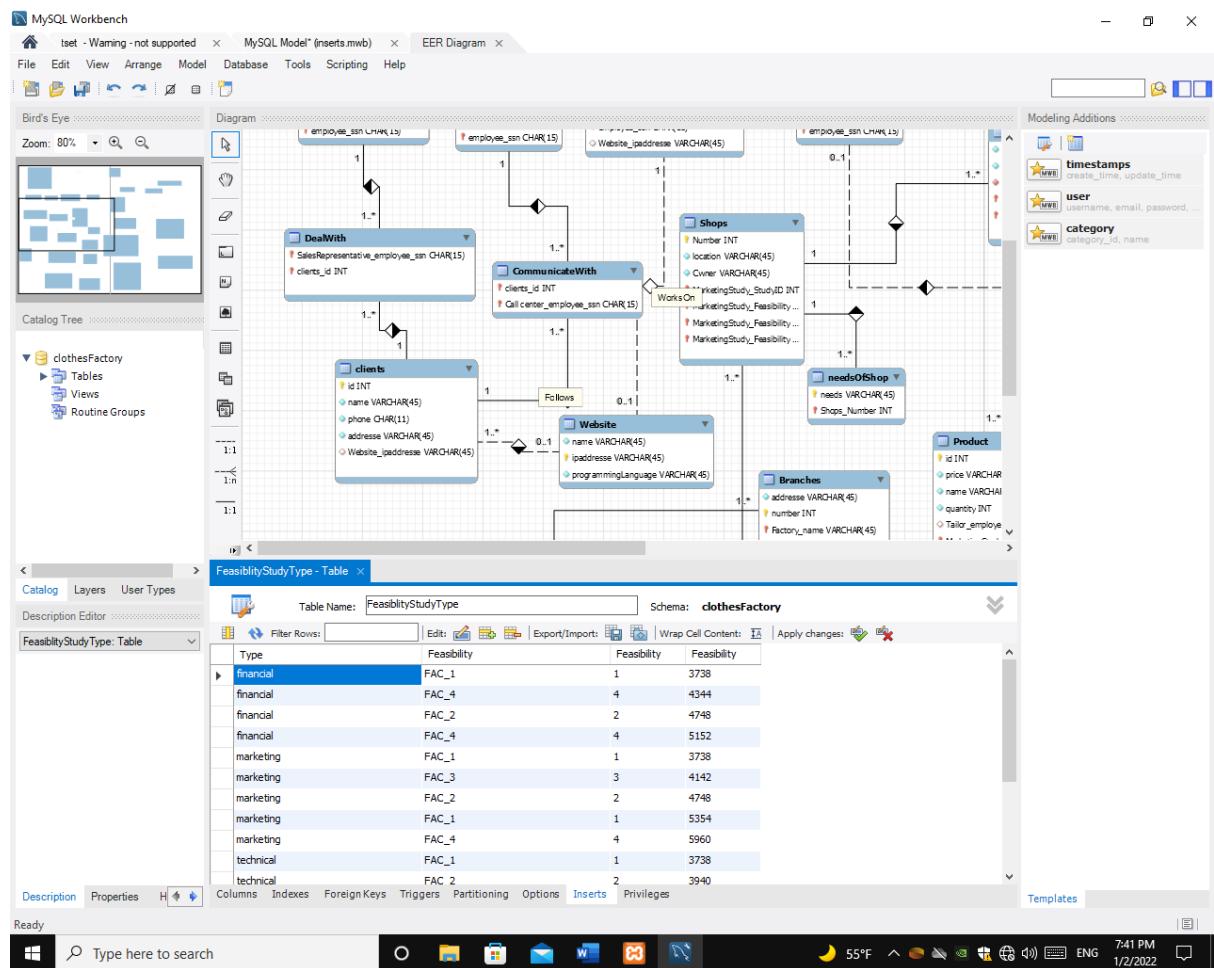


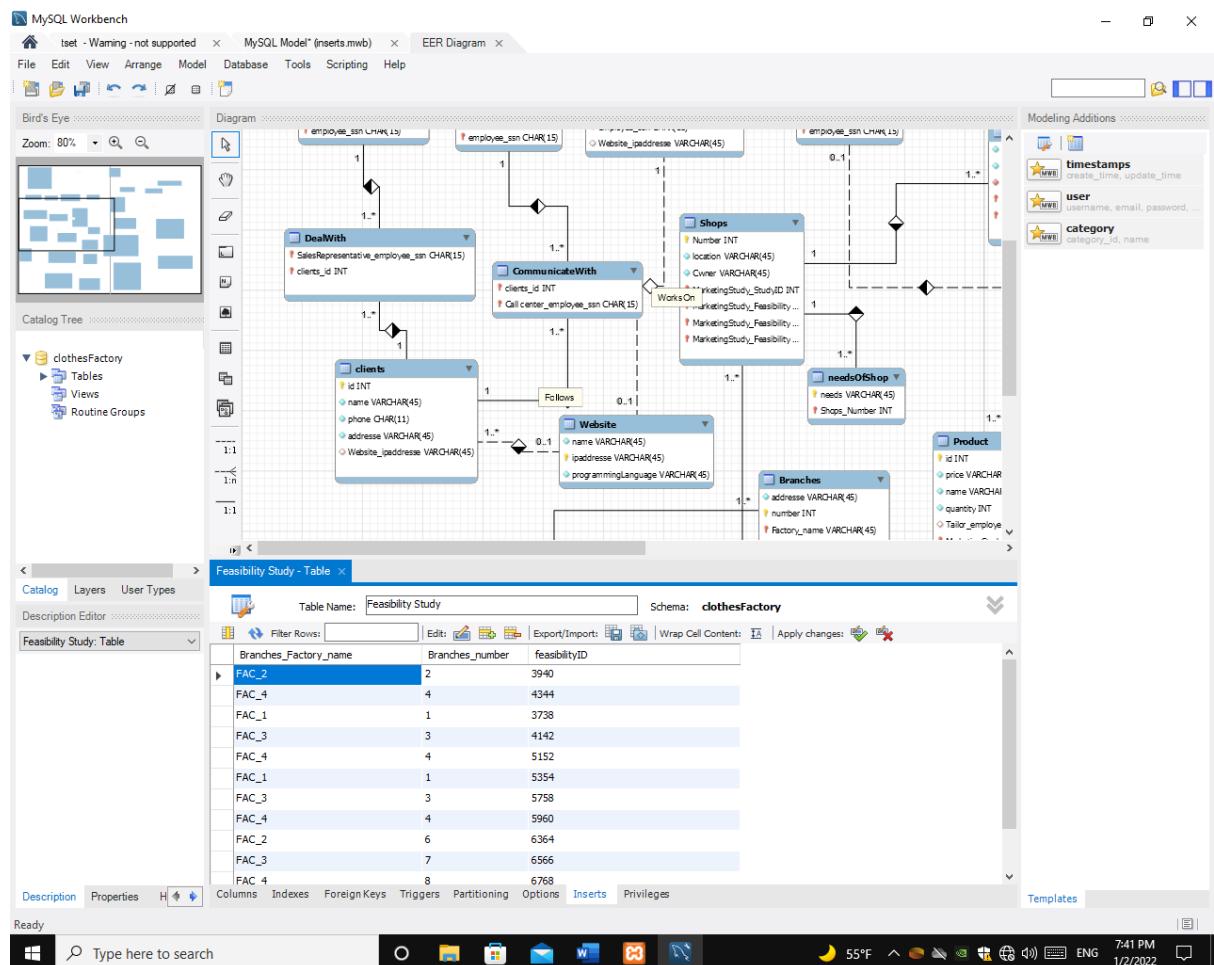


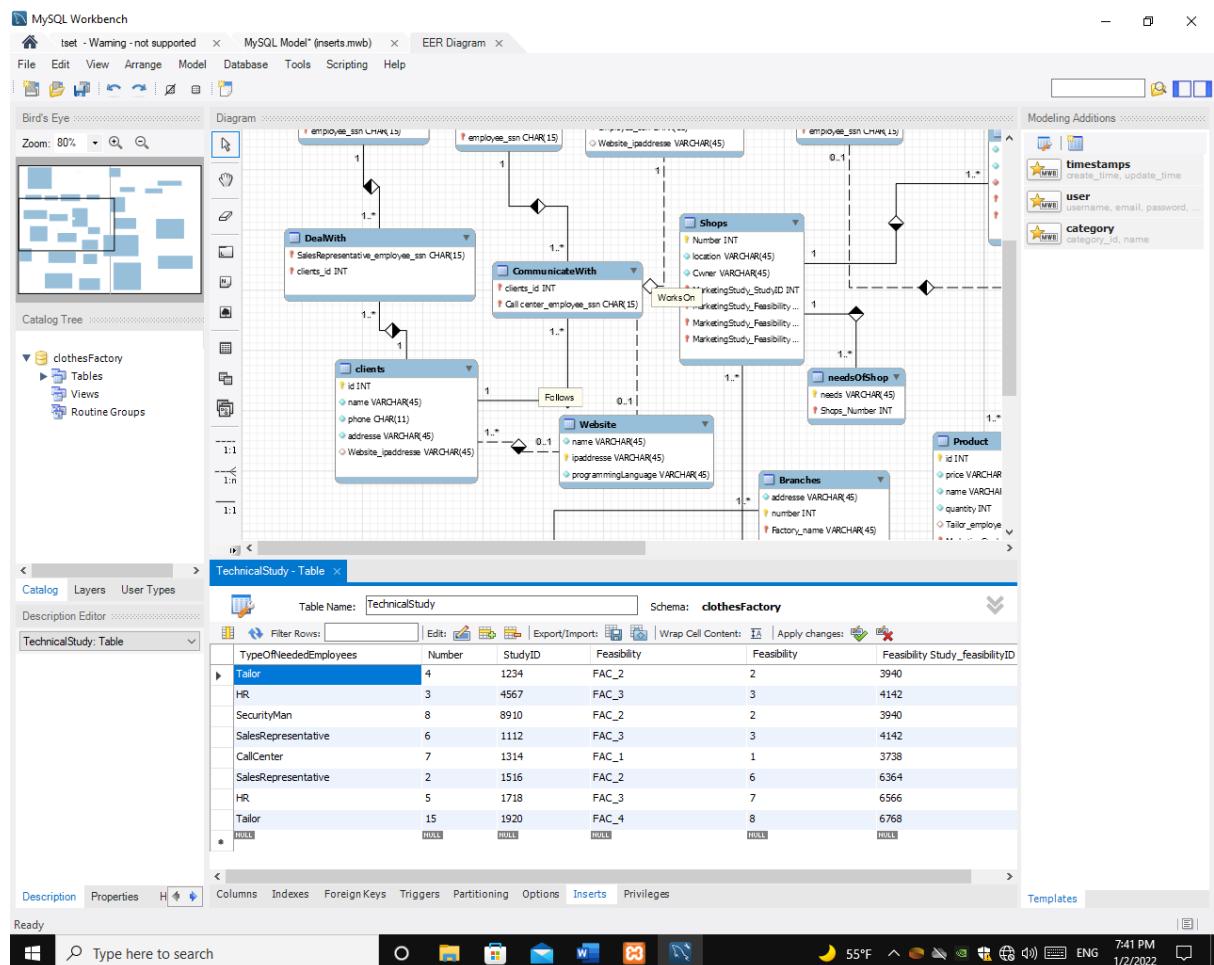


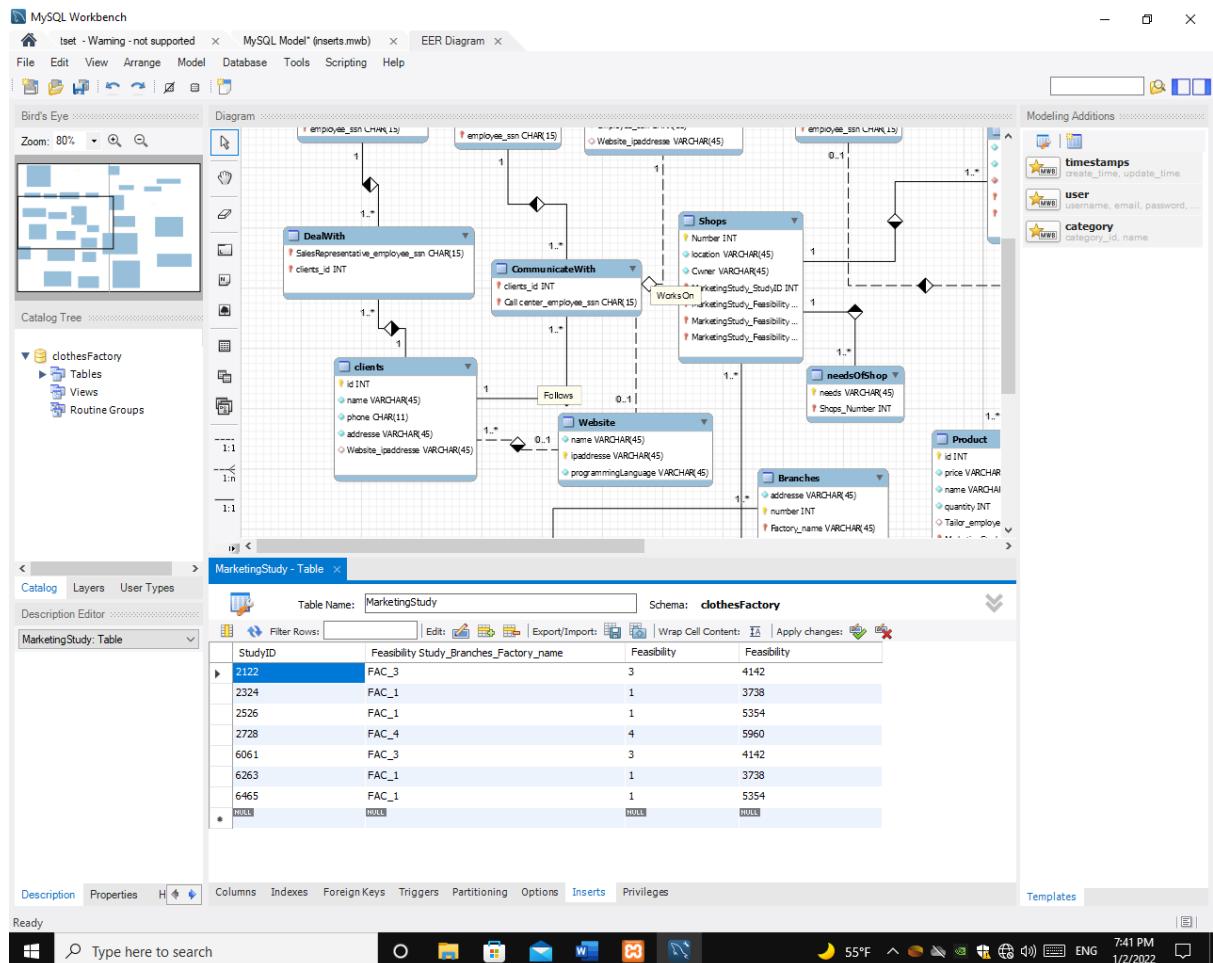


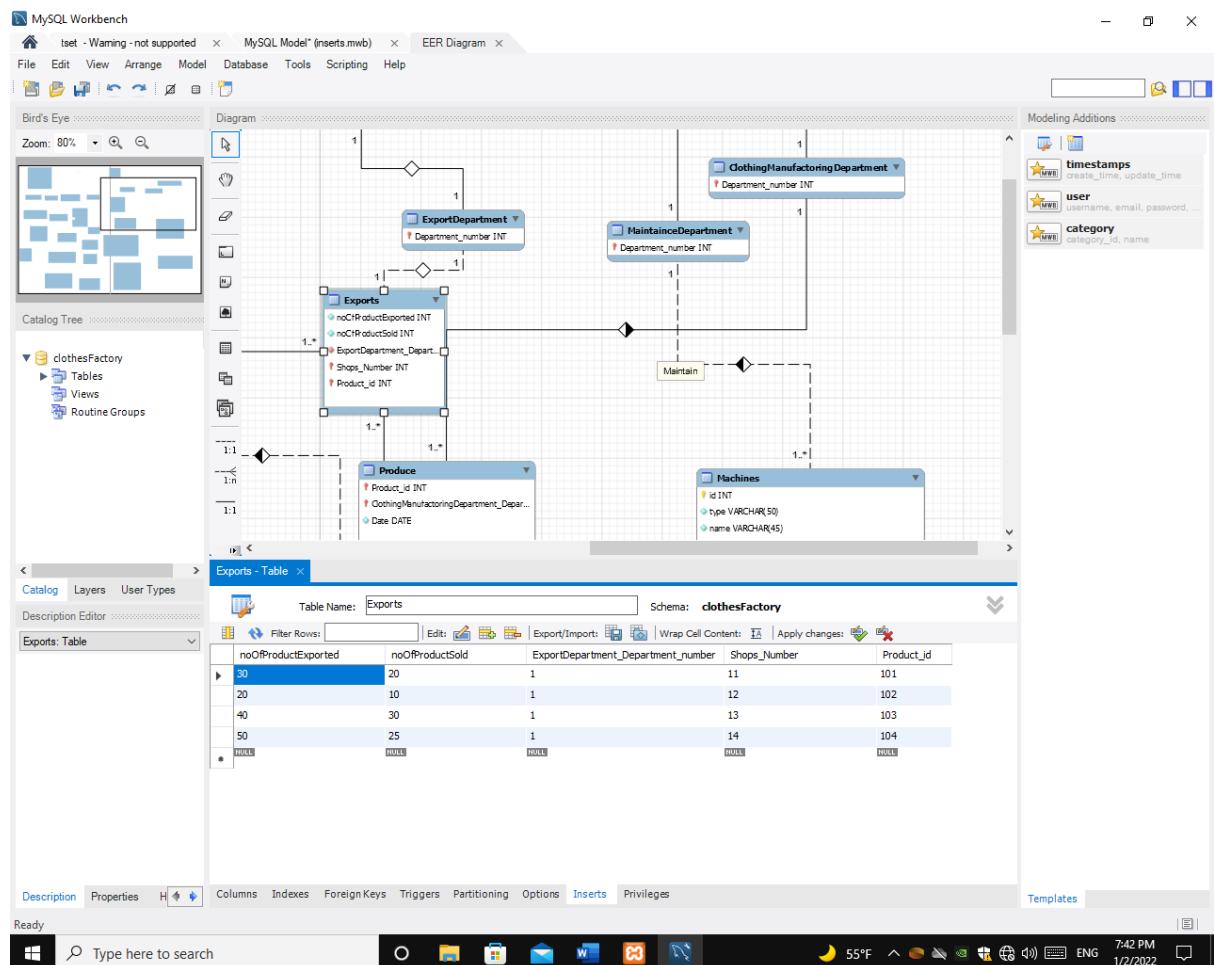


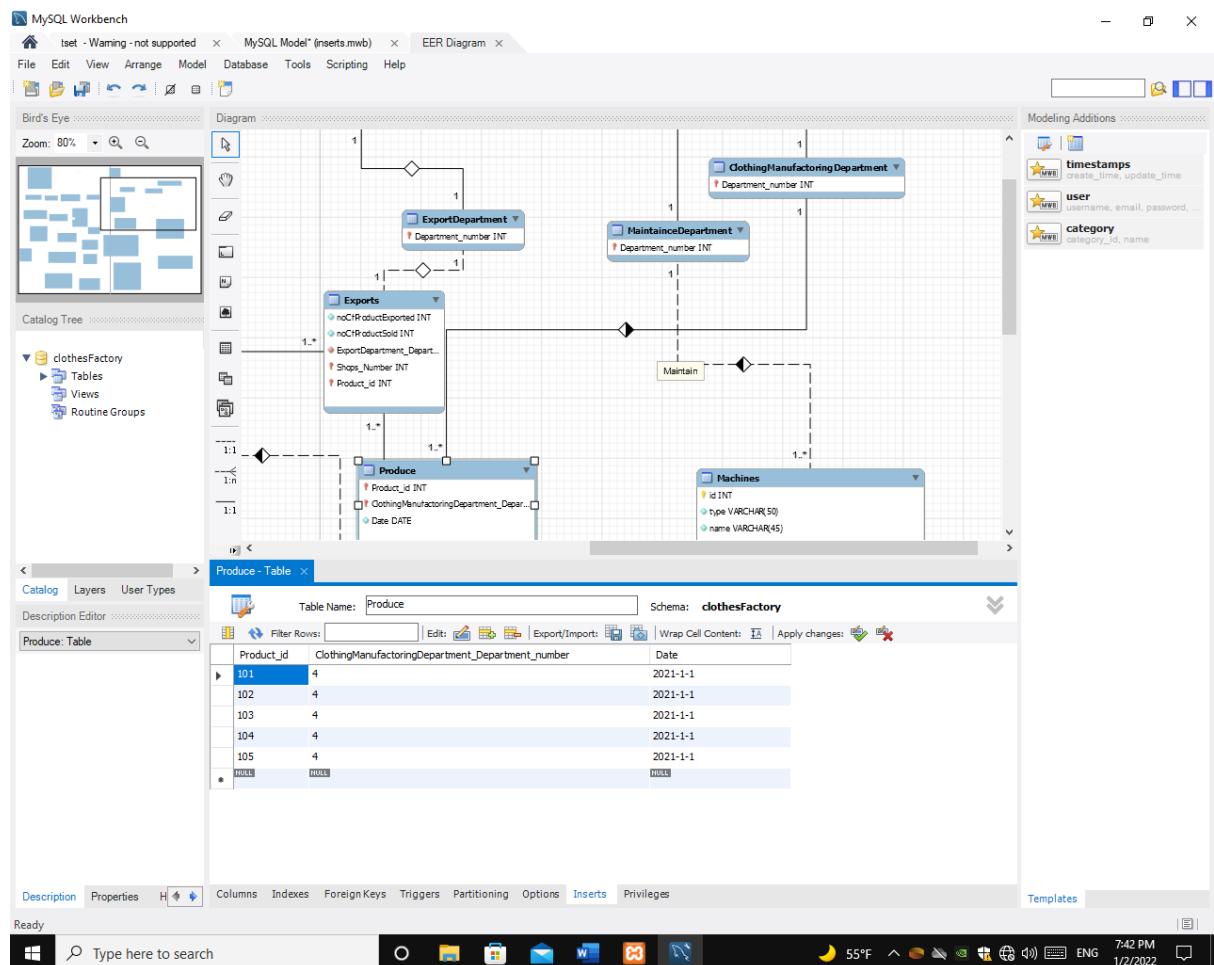


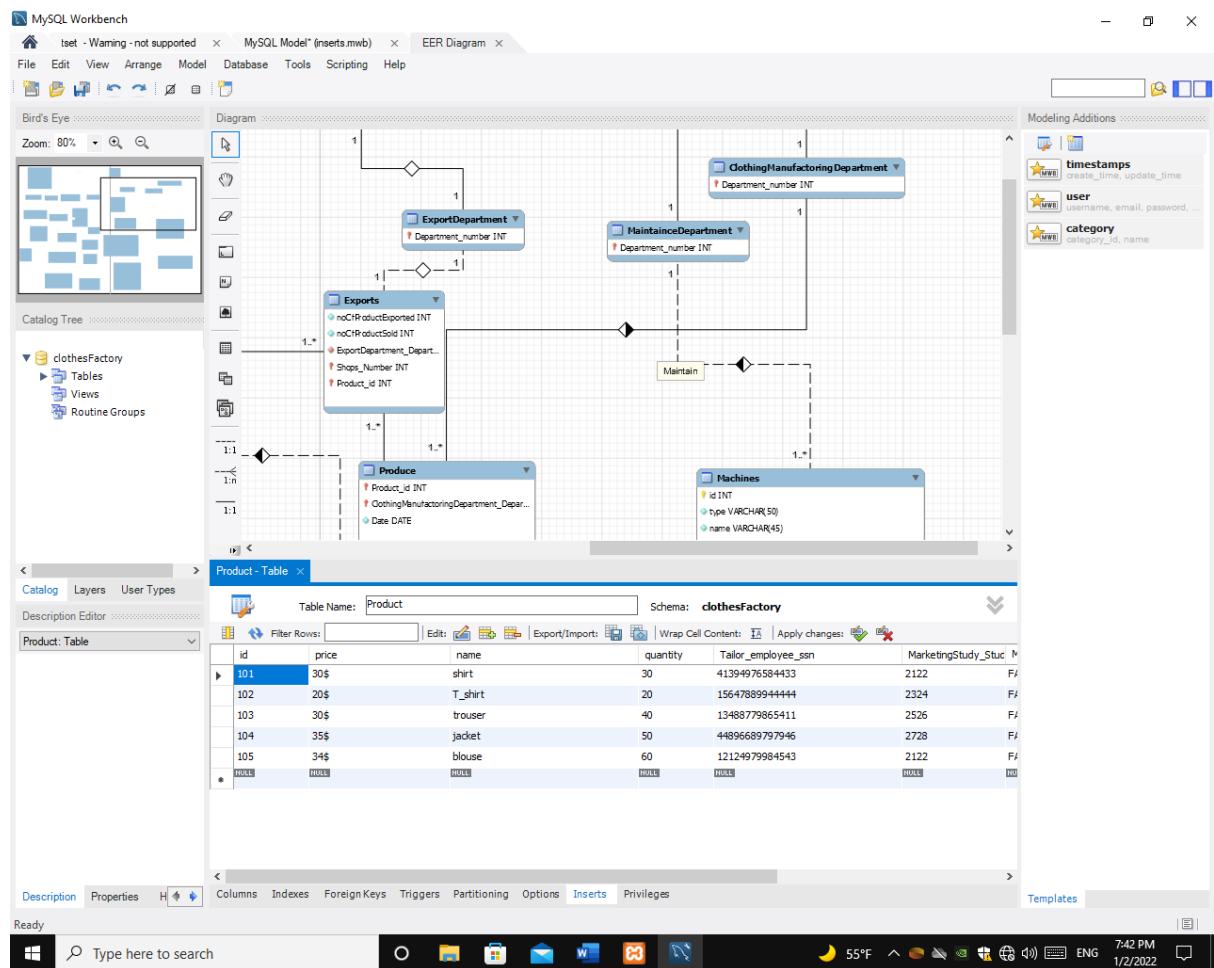


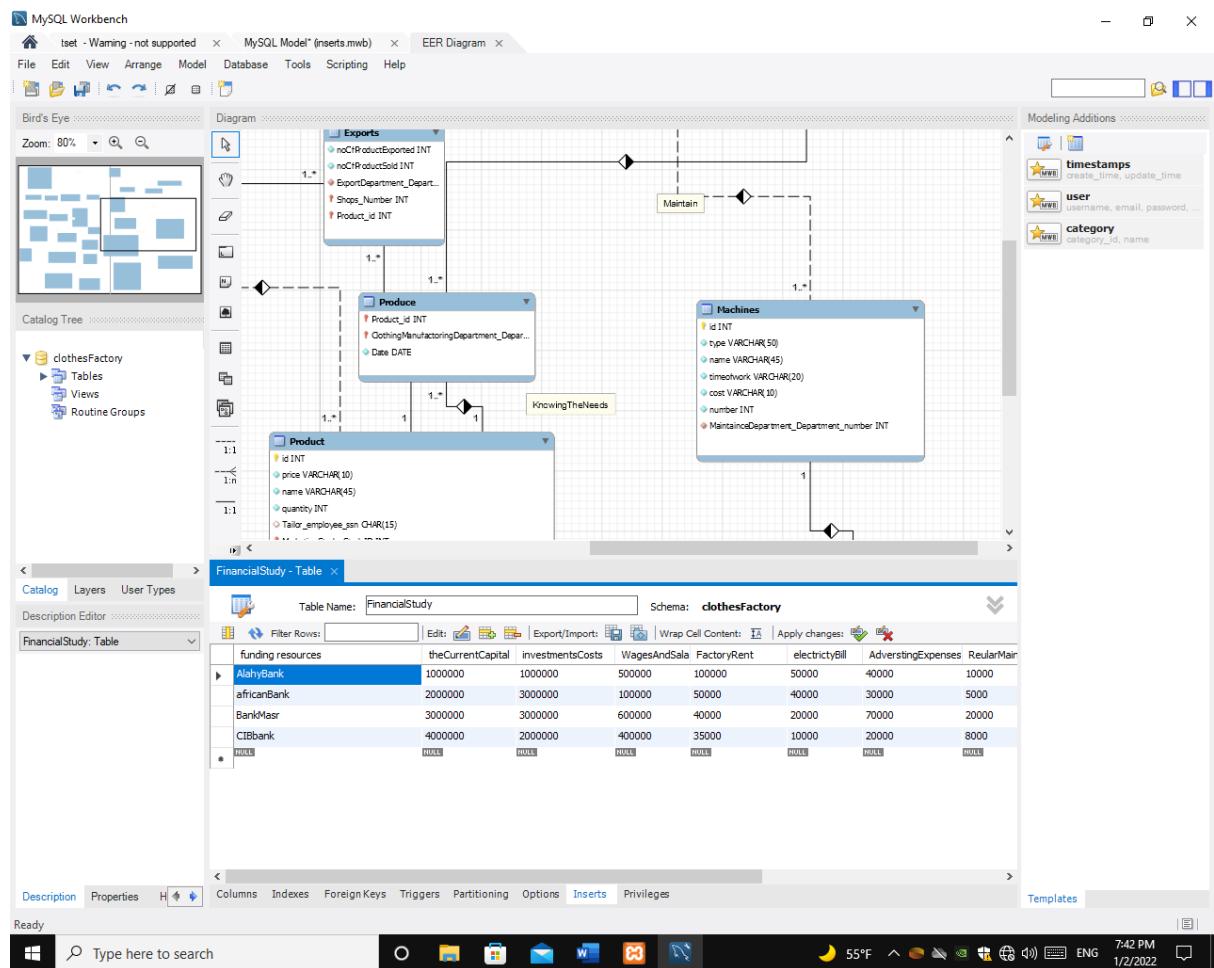


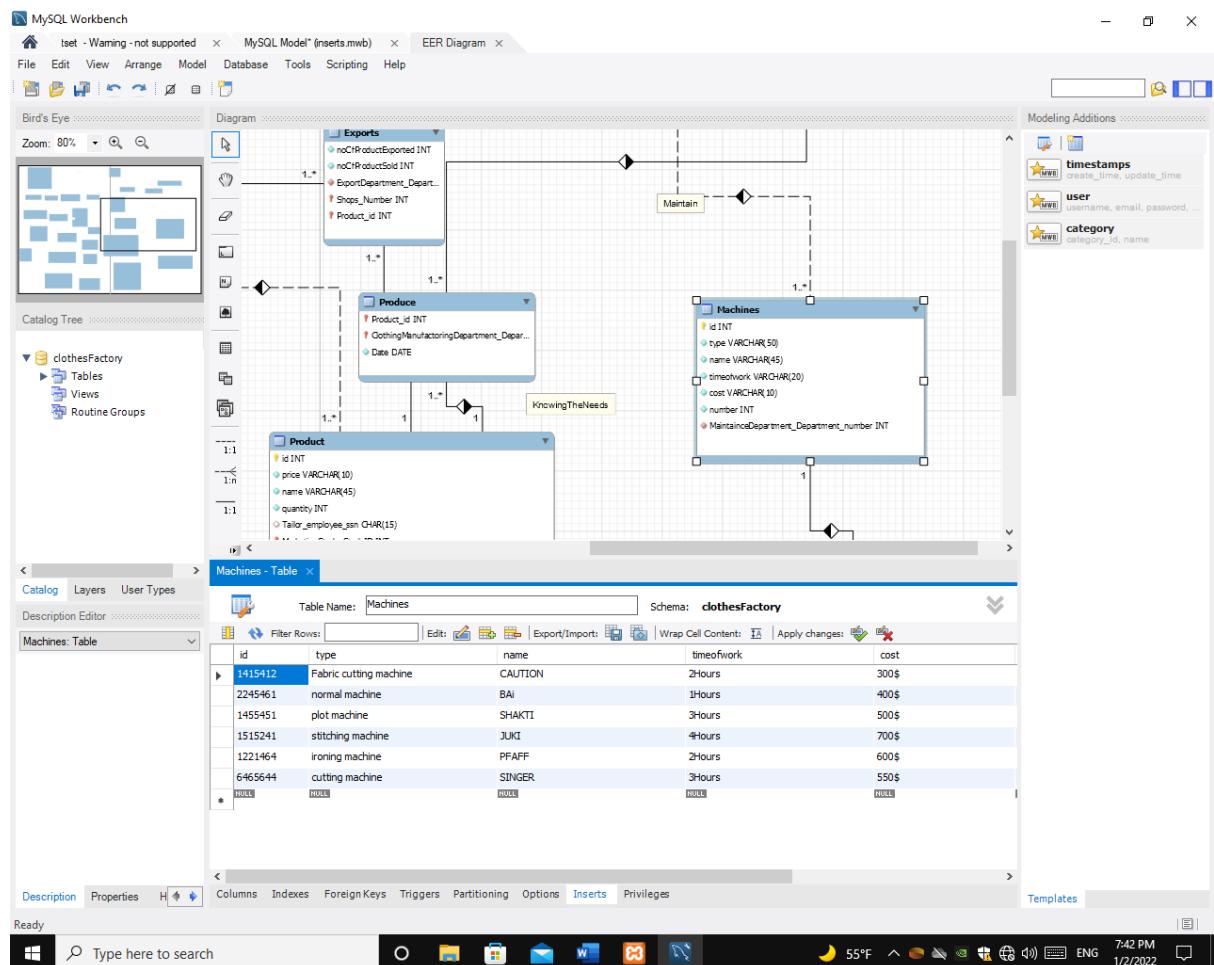


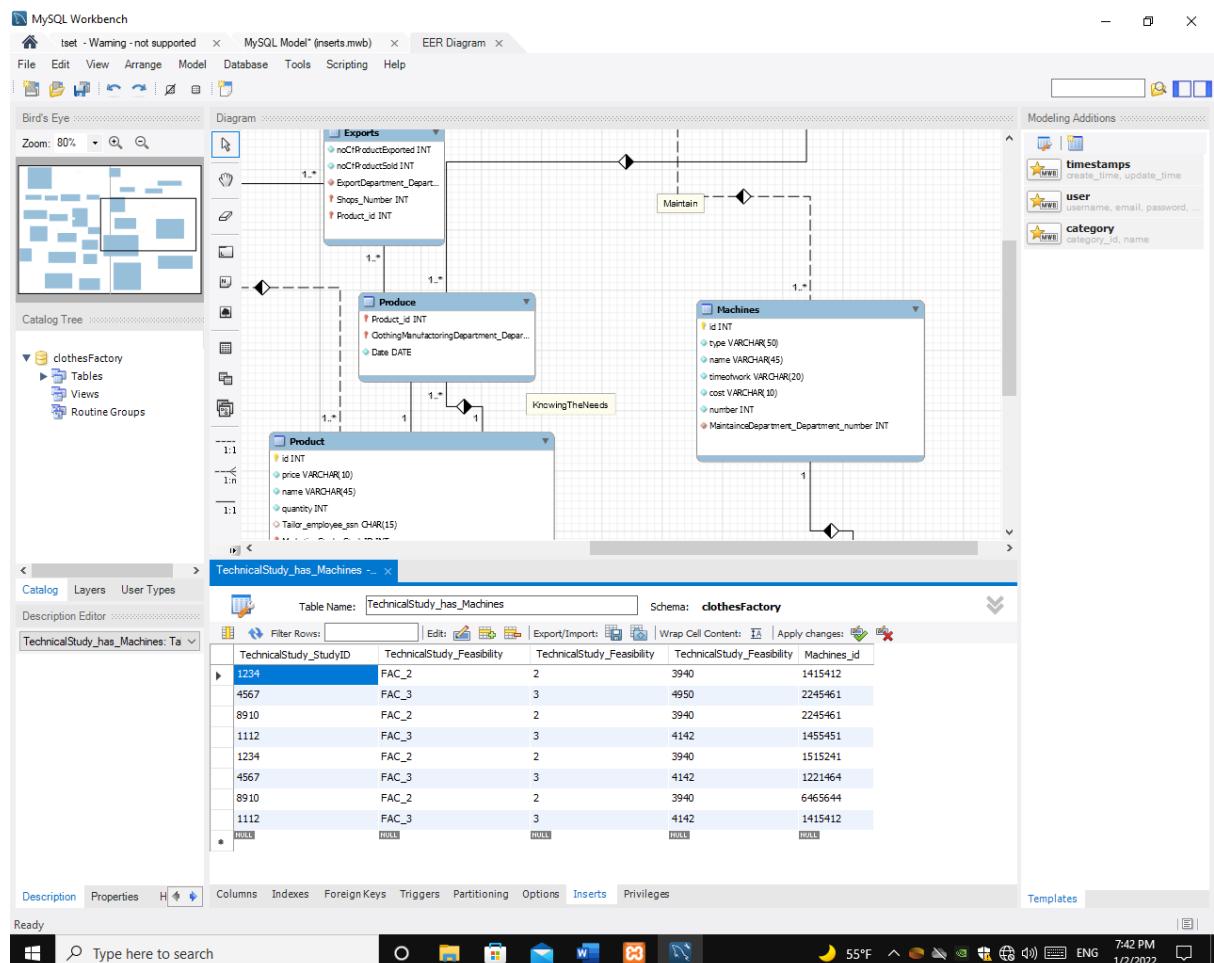




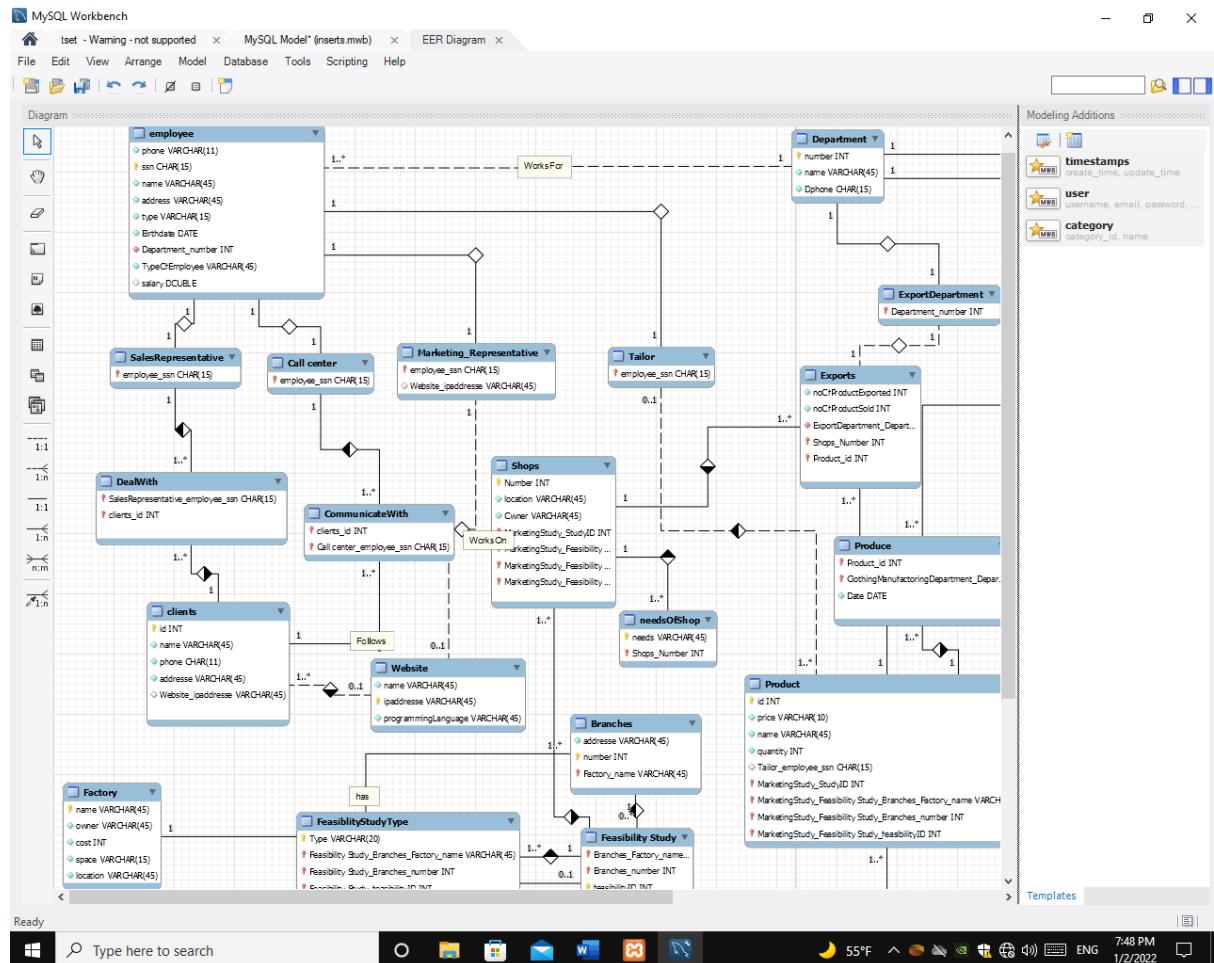


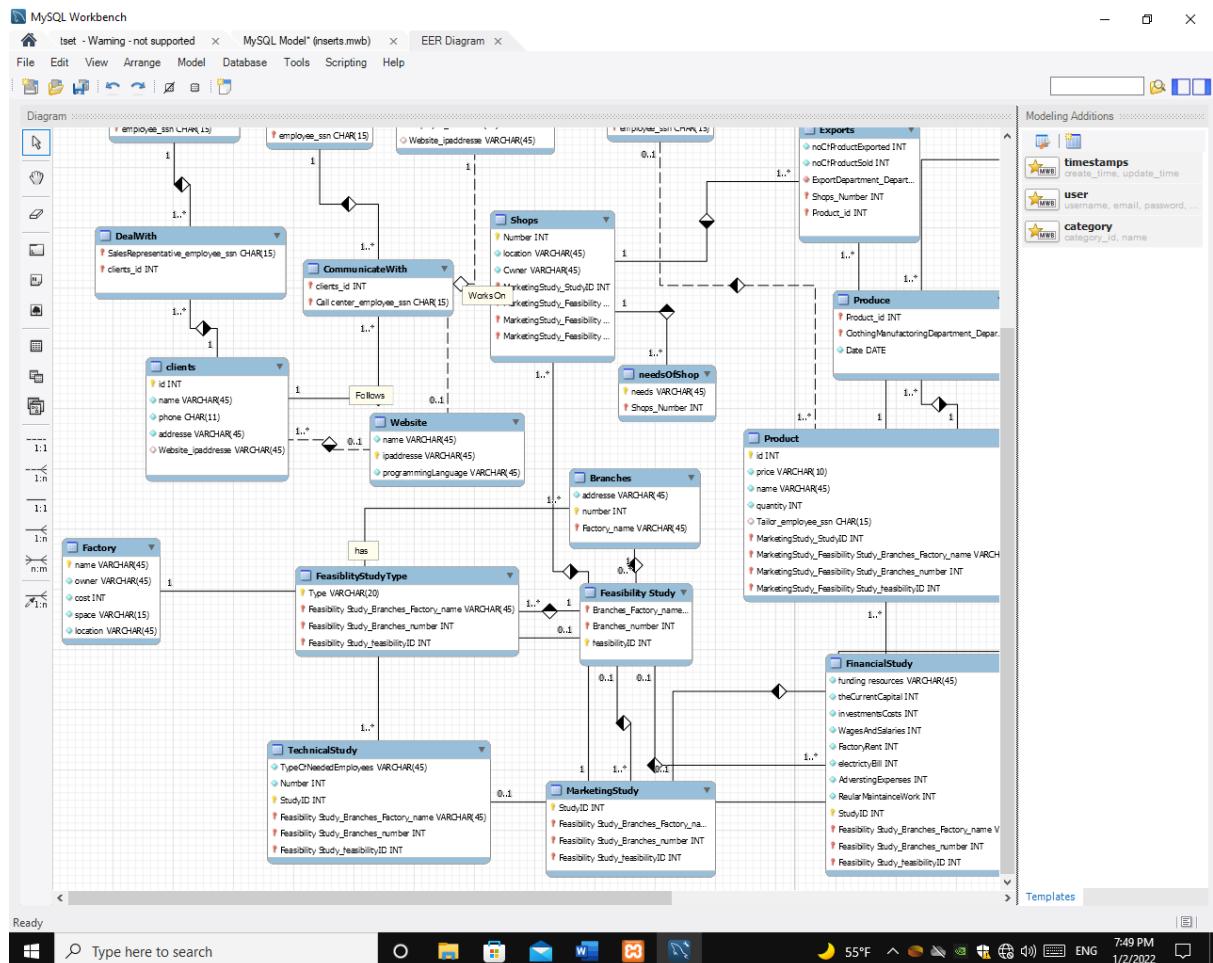


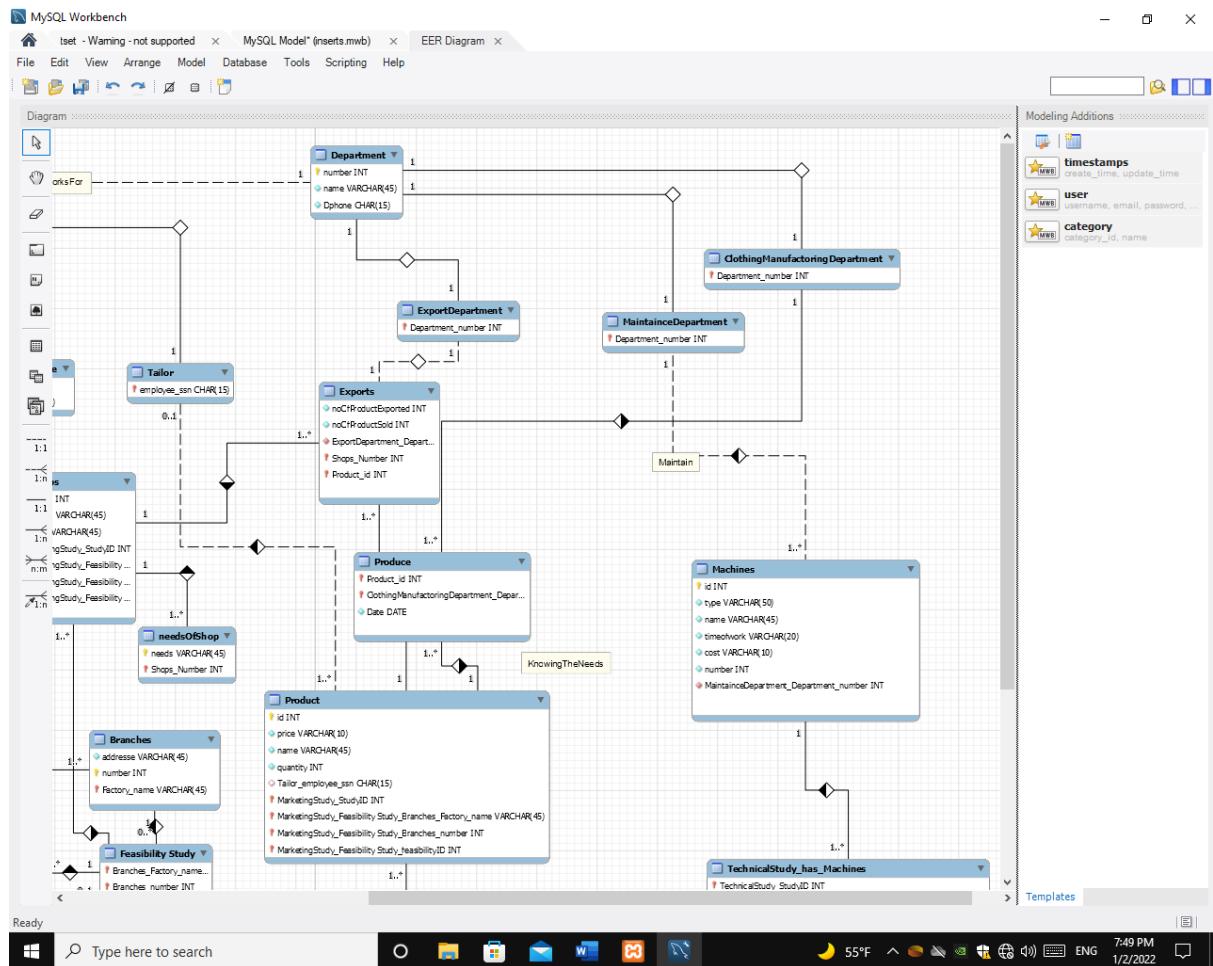


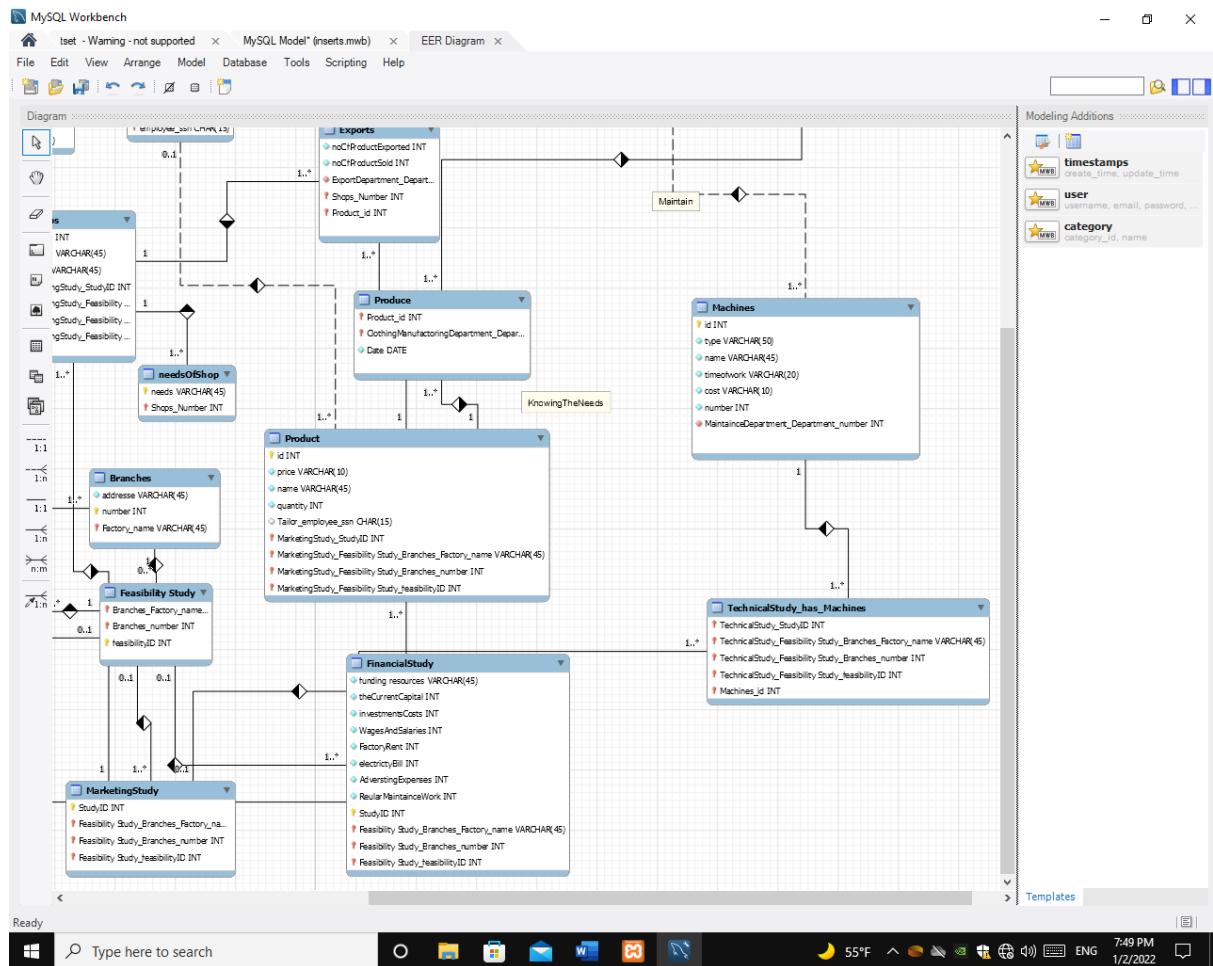


Workbench Diagram









Queries and their Results

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator

MANAGEMENT

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE

- Dashboard
- Performance Reports
- Performance Schema Setup

SCHEMAS

- clothesfactory
- company
- companywithdata2
- mydb
- phpmyadmin
- test

Query 1 CostWorkForYear

```
1 /* retrieve the cost for working a year for financialStudyId=2930
2 */
3 /*
4  * Select (FactoryRent+electricityBill+AdvertisingExpenses+RegularMaintenanceWork+Wage
5  * From financialstudy
6  * Where StudyID="2930"
```

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result Grid | Filter Rows: [] Export: [] Wrap Cell Content: []

CostForYear
8400000

Result Grid Form Editor Field Types Query Stats Execution Plan

Result 1 x Read Only Context Help Snippets

Action Output

#	Time	Action	Message	Duration / Fetch
1	19:34:28	select * FROM Employee LIMIT 0, 1000	9 row(s) returned	0.031 sec / 0.000 sec
2	19:34:38	select * FROM Employee LIMIT 0, 1000	9 row(s) returned	0.015 sec / 0.000 sec
3	19:53:05	Select (FactoryRent+electricityBill+AdvertisingExpenses+RegularMaintenanceWork+Wag...	1 row(s) returned	0.047 sec / 0.000 sec

Information

Object Info Session

Query Completed

Type here to search

Windows Taskbar: 55°F, ENG, 7:53 PM, 1/2/2022

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

SQL File 2 SQL File 3 SQL File 4 SQL File 5 SQL File 6 SQL File 7 SQL File 8 SQL File 9 SQL File 10 SQL File 11 MaxDepartment

MA
INS
PER
SCH

1 /*
2 retrieve the maximum department that has the maximum employee
3 */
4 Select d.name, Count(e.Department_Number) AS CountDep
From Employee e,Department d
Where e.Department_Number=d.number
Group by e.Department_Number
Having CountDep= (Select max(x.countDep)AS MaxDep From (Select Count(Department_Number)AS countDep From employee group by Department

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid Form Editor Field Types Query Stats Execution Plan

name CountDep
ExportDepartment 3

Result 1 x Read Only Context Help Snippets

Action Output

#	Time	Action	Message	Duration / Fetch
1	19:34:28	select * FROM Employee LIMIT 0, 1000	9 row(s) returned	0.031 sec / 0.000 sec
2	19:34:38	select * FROM Employee LIMIT 0, 1000	9 row(s) returned	0.015 sec / 0.000 sec
3	19:53:05	Select (FactoryRent+ElectricityBill+AdvertisingExpenses+RegularMaintenanceWork+WagesAndSalaries)*12 ...	1 row(s) returned	0.047 sec / 0.000 sec
4	19:54:18	Select d.name, Count(e.Department_Number) AS CountDep From Employee e,Department d Where e.D... 1 row(s) returned		0.063 sec / 0.000 sec

Query Completed

Type here to search

Windows Taskbar: 55°F, ENG, 7:54 PM, 1/2/2022

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

SQL File 3 SQL File 4 SQL File 5 SQL File 6 SQL File 7 SQL File 8 SQL File 9 SQL File 10 SQL File 11 MaxDepartment MostCleverSa

MA
N
INS
PER
SCH
Q

```
1 /*  
2  * retrieve how many clients that every salesRepresentative deal with  
3  */  
4 select max(x.MostSales),SalesRepresentative_employee_ssn  
5 From (SELECT Count(SalesRepresentative_employee_ssn) AS MostSales ,SalesRepresentative_employee_ssn FROM dealwith GROUP BY SalesRepr  
6 GROUP BY SalesRepresentative_employee_ssn  
7  
8  
9
```

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid Form Editor Field Types Query Stats Execution Plan

max(x.MostSales)	SalesRepresentative_employee_ssn
2	01155110151541
2	01515512014165
3	12345678911111
1	12521152012111
2	21112211212122

Result 1 x Read Only Context Help Snippets

Action Output

#	Time	Action	Message	Duration / Fetch
1	19:34:28	select * FROM Employee LIMIT 0, 1000	9 row(s) returned	0.031 sec / 0.000 sec
2	19:34:38	select * FROM Employee LIMIT 0, 1000	9 row(s) returned	0.015 sec / 0.000 sec
3	19:53:05	Select (FactoryRent+electricityBill+AdvertisingExpenses+RegularMaintenanceWork+WagesAndSalaries)*12 ...	1 row(s) returned	0.047 sec / 0.000 sec
4	19:54:18	Select d.name, Count(e.Department_Number) AS CountDep From Employee e,Department d Where e.D... 1 row(s) returned		0.063 sec / 0.000 sec
5	19:54:39	select max(x.MostSales),SalesRepresentative_employee_ssn From (SELECT Count(SalesRepresentativ... 5 row(s) returned		0.000 sec / 0.000 sec

Query Completed

Type here to search

Windows Taskbar: 55°F, ENG, 7:54 PM, 1/2/2022

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

SQL File 5 SQL File 6 SQL File 7 SQL File 8 SQL File 9 SQL File 10 SQL File 11 MaxDepartment MostCleverSalesRepresentative MostProducts

```

MA
1  /*
2   retrieve the maximum product sold and their name
3   */
4  Select E.Product_id,P.name
5   FROM exports E,product P
6   WHERE E.Product_id=P.id AND noOfProductSold= (SELECT MAX(noOfProductSold) FROM exports)
7
8
INS
PER
SCH

```

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid Form Editor Field Types Query Stats Execution Plan

Product_Id	name
103	trouser

Result 1 x Read Only Context Help Snippets

Action Output

#	Time	Action	Message	Duration / Fetch
1	19:34:28	select * FROM Employee LIMIT 0, 1000	9 row(s) returned	0.031 sec / 0.000 sec
2	19:34:38	select * FROM Employee LIMIT 0, 1000	9 row(s) returned	0.015 sec / 0.000 sec
3	19:53:05	Select (FactoryRent+electricityBill+AdvertisingExpenses+RegularMaintenanceWork+WagesAndSalaries)*12 ...	1 row(s) returned	0.047 sec / 0.000 sec
4	19:54:18	Select d.name, Count(e.Department_Number) AS CountDep From Employee e,Department d Where e.D... 1 row(s) returned		0.063 sec / 0.000 sec
5	19:54:39	select max(x.MostSales),SalesRepresentative_employee_json From (SELECT Count(SalesRepresentativ... 5 row(s) returned		0.000 sec / 0.000 sec
6	19:55:05	Select E.Product_id,P.name FROM exports E,product P WHERE E.Product_id=P.id AND noOfProductS... 1 row(s) returned		0.000 sec / 0.000 sec

Query Completed

Type here to search

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

SQL File 7 SQL File 8 SQL File 9 SQL File 10 SQL File 11 MaxDepartment MostCleverSalesRepresentative MostProductSelled Owner Have M

```

1 /* Retrieve Owner Has Max branches for specific factory
2 */
3 /*
4  * Select F.owner,Count(Factory_name) AS CountFact
5  * From factory F,branches B
6  * Where B.Factory_name=F.name
7  * GROUP by Factory_name
8  */
9 Having CountFact=(
10 Select Max(x.CountFact) From
  (Select Count(Factory_name) AS CountFact From factory F,branches B Where B.Factory_name=F.name GROUP BY Factory_name)x

```

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid Form Editor Field Types Query Stats Execution Plan

owner	CountFact
Ahmed	2
Mohamed	2
Ali	2
Omar	2

Result 1 x Read Only Context Help Snippets

Action Output

#	Time	Action	Message	Duration / Fetch
2	19:34:38	select * FROM Employee LIMIT 0, 1000	9 row(s) returned	0.015 sec / 0.000 sec
3	19:53:05	Select (FactoryRent+electricityBill+AdverstingExpenses+RegularMaintainceWork+WagesAndSalaries)*1...	1 row(s) returned	0.047 sec / 0.000 sec
4	19:54:18	Select d.name, Count(e.Department_Number) AS CountDep From Employee e,Department d Where e....	1 row(s) returned	0.063 sec / 0.000 sec
5	19:54:39	select max(x.MostSales).SalesRepresentative_employee_ssn From (SELECT Count(SalesRepresentati...	5 row(s) returned	0.000 sec / 0.000 sec
6	19:55:05	Select E.Product_id,P.name FROM exports E,product P WHERE E.Product_id=P.id AND noOfProduc...	1 row(s) returned	0.000 sec / 0.000 sec
7	19:55:16	Select F.owner,Count(Factory_name) AS CountFact From factory F,branches B Where B.Factory_nam...	4 row(s) returned	0.031 sec / 0.000 sec

Query Completed

Type here to search

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

SQL File 9 SQL File 10 SQL File 11 MaxDepartment MostCleverSalesRepresentative MostProductSold Owner Have Max Branches Present2

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid Form Editor Field Types Query Stats Execution Plan

Output

Action Output

#	Time	Action	Message	Duration / Fetch
3	19:53:05	Select (FactoryRent+electricityBill+AdvertisingExpenses+RegularMaintenanceWork+WagesAndSalaries)*1...	1 row(s) returned	0.047 sec / 0.000 sec
4	19:54:18	Select d.name, Count(e.Department_Number) AS CountDep From Employee e,Department d Where e...	1 row(s) returned	0.063 sec / 0.000 sec
5	19:54:39	select max(x.MostSales).SalesRepresentative_employee_json From (SELECT Count(SalesRepresentat...	5 row(s) returned	0.000 sec / 0.000 sec
6	19:55:05	Select E.Product_Id,P.name FROM exports E,product P WHERE E.Product_Id=P.Id AND noOfProduc...	1 row(s) returned	0.000 sec / 0.000 sec
7	19:55:16	Select F.owner,Count(factory_name) AS CountFact From factory F,branches B Where B.Factory_nam...	4 row(s) returned	0.031 sec / 0.000 sec
8	19:55:30	SELECT (Select theCurrentCapital+WagesAndSalaries+electricityBill+AdvertisingExpenses+RegularMain...	1 row(s) returned	0.015 sec / 0.000 sec

Query Completed

Type here to search

Windows Taskbar: 55°F, ENG, 7:55 PM, 1/2/2022

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

SQL File 10 SQL File 11 MaxDepartment MostCleverSalesRepresentative MostProductSold Owner Have Max Branches Present2 ProfitAnalysis

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result Grid Filter Rows: Export: Wrap Cell Content: Result Grid Form Editor Field Types Query Stats Execution Plan

PER 0.0003334448149383126

Action Output

#	Time	Action	Message	Duration / Fetch
4	19:54:18	Select d.name, Count(e.Department_Number) AS CountDep From Employee e,Department d Where e....	1 row(s) returned	0.063 sec / 0.000 sec
5	19:54:39	select max(x.MostSales),SalesRepresentative_employee_ssn From (SELECT Count(SalesRepresentati...	5 row(s) returned	0.000 sec / 0.000 sec
6	19:55:05	Select E.Product_id,P.name FROM exports E.product P WHERE E.Product_id=P.id AND noOfProduc...	1 row(s) returned	0.000 sec / 0.000 sec
7	19:55:16	Select F.owner,Count(Factory_name) AS CountFact From factory F,branches B Where B.Factory_nam...	4 row(s) returned	0.031 sec / 0.000 sec
8	19:55:30	SELECT (Select theCurrentCapital+WagesAndSalaries+electricityBill+AdvertisingExpenses+RegularMain...	1 row(s) returned	0.015 sec / 0.000 sec
9	19:55:42	SELECT (select SUM(e.noOfProductSold*p.price)FROM exports e,shops s,marketingstudy m,product p ...	1 row(s) returned	0.016 sec / 0.000 sec

Query Completed

Type here to search

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

SQL File 11 MaxDepartment MostCleverSalesRepresentative MostProductSelled Owner Have Max Branches Present2 ProfitAnalysis theMaxSalesR

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4 select D.SalesRepresentative_employee_ssn,Count(D.SalesRepresentative_employee_ssn) AS noOfSales
5 FROM dealWith D,salesrepresentative S
6 WHERE D.SalesRepresentative_employee_ssn=S.Employee_ssn
7 GROUP BY D.SalesRepresentative_employee_ssn
8 HAVING noofSales=(select max(x.MostSales)
9 From (SELECT Count(SalesRepresentative_employee_ssn) AS MostSales FROM dealWith GROUP BY SalesRepresentative_employee_ssn)x)
10
11
12
13

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid Form Editor Field Types Query Stats Execution Plan

SalesRepresentative_employee_ssn	noOfSales
12345678911111	3

Result 1 x Read Only Context Help Snippets

Action Output

#	Time	Action	Message	Duration / Fetch
5	19:54:39	select max(x.MostSales).SalesRepresentative_employee_ssn From (SELECT Count(SalesRepresentative_employee_ssn) AS MostSales FROM dealWith GROUP BY SalesRepresentative_employee_ssn)x	5 row(s) returned	0.000 sec / 0.000 sec
6	19:55:05	Select E.Product_id,P.name FROM exports e.product P WHERE E.Product_id=P.id AND noOfProduc...	1 row(s) returned	0.000 sec / 0.000 sec
7	19:55:16	Select F.owner,Count(factory_name) AS CountFact From factory F,branches B Where B.Factory_nam...	4 row(s) returned	0.031 sec / 0.000 sec
8	19:55:30	SELECT (SelectCurrentCapital+WagesAndSalaries+electricityBill+AdvertisingExpenses+RegularMain... 9 19:55:42 SELECT (select SUM(e.noOfProductSold*p.price)FROM exports e,shops s,marketingstudy m,product ... 10 19:55:57 select D.SalesRepresentative_employee_ssn,Count(D.SalesRepresentative_employee_ssn) AS noOfS...	1 row(s) returned	0.015 sec / 0.000 sec
				0.016 sec / 0.000 sec
				0.016 sec / 0.000 sec

Query Completed

Type here to search

Windows Taskbar: 55°F, ENG, 7:55 PM, 1/2/2022

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Query 1 Queries SQL File 20* SQL File 21*

```
4 select name , phone
5 from Employee
6 where TypeOfEmployee = 'Tailor';
7
8
9
10
11
12
13
```

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid

PER	name	phone
Ahmed hassan mohamed	01055456644	
MohamedAhmedMohamed	01226587479	

SQLAdditions
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result Grid Form Editor Field Types Query Stats Execution Plan

Employee 1 x Read Only Context Help Snippets

Action Output

#	Time	Action	Message	Duration / Fetch
6	19:55:05	Select E.Product_id,P.name FROM exports E.product P WHERE E.product_id=P.id AND noOfProduct... 1 row(s) returned	1 row(s) returned	0.000 sec / 0.000 sec
7	19:55:16	Select F.owner,Count(factory_name) AS CountFact From factory F,branches B Where B.Factory_na... 4 row(s) returned	4 row(s) returned	0.031 sec / 0.000 sec
8	19:55:30	SELECT (Select theCurrentCapital+WagesAndSalaries+electricityBill+AdvertisingExpenses+RegularMain... 1 row(s) returned	1 row(s) returned	0.015 sec / 0.000 sec
9	19:55:42	SELECT (select SUM(e.noOfProductSold*p.price)FROM exports e,shops s,marketingstudy m,product ... 1 row(s) returned	1 row(s) returned	0.016 sec / 0.000 sec
10	19:55:57	select D.SalesRepresentative_employee_ssn.Count(D.SalesRepresentative_employee_ssn) AS noOfS... 1 row(s) returned	1 row(s) returned	0.016 sec / 0.000 sec
11	19:57:13	select name , phone from Employee where TypeOfEmployee = 'Tailor' LIMIT 0, 1000 2 row(s) returned	2 row(s) returned	0.000 sec / 0.000 sec

Query Completed

Type here to search

Windows Taskbar: 55°F, ENG, 7:57 PM, 1/2/2022

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Query 1 SQL File 20* SQL File 21*

```
1 /* Q2- Retrieve Sum of Employees Salaries for each Department */
2 select d.name,sum(e.salary) as 'Sum of Employees Salaries'
3 from Employee e join Department d
4 on e.Department_number = d.number
5 group by d.name;
```

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid Form Editor Field Types Query Stats Execution Plan

name	Sum of Employees Salaries
AverstingDepartment	8500
CleaningDepartment	2500
ClothingManufacturingDepartment	2000
ExportDepartment	7900
HrDepartment	3900
MaintainceDepartment	3500

Action Output

#	Time	Action	Message	Duration / Fetch
7	19:55:16	Select F.owner,Count(factory_name) AS CountFact From factory F,branches B Where B.Factory_name...	4 row(s) returned	0.031 sec / 0.000 sec
8	19:55:30	SELECT (Select theCurrentCapital+WagesAndSalaries+electricityBill+AdvertisingExpenses+RegularMain...	1 row(s) returned	0.015 sec / 0.000 sec
9	19:55:42	SELECT (select SUM(product.Sold*p.price)FROM exports e,hops s,marketingstudy m,product ...	1 row(s) returned	0.016 sec / 0.000 sec
10	19:55:57	select D.SalesRepresentative_employee_ss.Count(D.SalesRepresentative_employee_ss) AS noOfS...	1 row(s) returned	0.016 sec / 0.000 sec
11	19:57:13	select name , phone from Employee where TypeOfEmployee = 'Tailor' LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
12	19:57:19	select d.name,sum(e.salary) as 'Sum of Employees Salaries' from Employee e join Department d on e.D...	6 row(s) returned	0.000 sec / 0.000 sec

Query Completed

Type here to search

Windows Taskbar: 55°F, ENG, 7:57 PM, 1/2/2022

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Query 1 SQL File 20* SQL File 21*

```
1 /* Q3- Retrieve the name of each factory and how many branches it has
2 */
3 /*
4 select f.name,count(b.number) as 'Number of Branches'
5 from Factory f , Branches b
6 where b.Factory_name = f.name
7 group by f.name;
8 */
```

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid Form Editor Field Types Query Stats Execution Plan

name	Number of Branches
FAC_1	2
FAC_2	2
FAC_3	2
FAC_4	2

Result 1 x Read Only Context Help Snippets

Action Output

#	Time	Action	Message	Duration / Fetch
8	19:55:30	SELECT (select theCurrentCapital+WagesAndSalaries+ElectricityBill+AdvertisingExpenses+RegularMain...	1 row(s) returned	0.015 sec / 0.000 sec
9	19:55:42	SELECT (select SUM(e.noOfProductSold*p.price)FROM exports e,shops s,marketingstudy m,product...	1 row(s) returned	0.016 sec / 0.000 sec
10	19:55:57	select D.SalesRepresentative_employee_ssn.Count(D.SalesRepresentative_employee_ssn) AS noOfS...	1 row(s) returned	0.016 sec / 0.000 sec
11	19:57:13	select name , phone from Employee where TypeOfEmployee = 'Tailor' LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
12	19:57:19	select d.name,sum(e.salary) as 'Sum of Employees Salaries' from Employee e join Department d on e.D...	6 row(s) returned	0.000 sec / 0.000 sec
13	19:57:24	select f.name,count(b.number) as 'Number of Branches' from Factory f , Branches b where b.Factory_n...	4 row(s) returned	0.000 sec / 0.000 sec

Query Completed

Type here to search

Windows Taskbar: 55°F, ENG, 7:57 PM, 1/2/2022