



ASIA PACIFIC COLLEGE  
3 Humabon Place, Magallanes, Makati City  
SCHOOL OF COMPUTING & INFORMATION TECHNOLOGY (Mobile &  
Internet)

DATAMA 1 Database Management1

***Propravity kosh trading Co.***

Submitted by

Antonio, Adrian John  
Bance, Randreb C.  
Bunagan, Jhed Ross Steven C.

Manuel L. Calimlim Jr.  
Instructor

September 2019

## Table of Contents

Chapter 1 .....	3
Introduction.....	3
Company Profile .....	3
Business Transactions.....	3
Objectives of the Study.....	4
General Objectives .....	4
Specific Objectives .....	4
Scope and Limitation of the Study (in paragraph form).....	4
Chapter 2 .....	5
Business Rules (two-way) .....	5
Entity Relationship Diagram .....	6
Relational Diagram .....	16
Tables .....	16
Data Dictionary.....	17
Tables with records .....	22
Transactions .....	27

# Chapter 1

## Introduction

### Company Profile.

Propravity kosh trading Co. is a small trading company founded in 2010 that resides in San Fernando, Pampanga. The company focuses on selling materials that are designed to support the bone of a human from a disability due to different cases like accidents and disease. These materials include: Bone cements, implants, screws and plates. Literally all their clients are orthopedic doctors. The company can only offer one service for their client: sell the said materials. These materials are something the doctors don't know how to use, however, the company have staff who specializes on using these materials and they send them to the doctors to assist them on putting the materials to the patient during the operation.

### Business Transactions

The first procedure of the company is the client approaching the company, the client can only approach the company by contacting them. The client will now order materials needed for the operation from the office staff. The office staff prepares purchase order for the ordered materials. The purchase order is for the company only. After that, the driver of the company will deliver the materials to the designated hospital to heat up the materials using the autoclave of the hospital. The materials should be heated first from the autoclave before the schedule of the operation. The driver will now deliver the heated materials to the hospital where the operation will reside. It should be delivered before the operation. On the time of the operation, the assistant staff of the company will assist the doctor on using the materials during the operation since they don't know how it should be used, only the assistant knows. After the operation, the assistant prepares the sales invoice, which is the total of materials used on the operation and its overall cost. The assistant presents the sales invoice to the patient because they're the ones who will pay the fee stated on the sales invoice. This serves as the income for the company.

## Objectives of the Study

### General Objectives

- To know what kind of business the company has.
- To know the procedures and business transactions of the chosen company.
- To create a system prototype of the company's business procedure.

### Specific Objectives

- To create an entity relationship diagrams that will provide a visual starting point for database design that can also be used to help determine information system requirements for the chosen company.
- To create a business rules based on the company's procedure.
- To create a Tables with records and data dictionary from the ER diagram of the procedure.
- To create a screen design for the system prototype.
- To create a database system of the company's procedure using a specialized language called SQL.

## Scope and Limitation of the Study (in paragraph form)

The company the researcher choose is a small company that focuses on medical. From the information the researcher knows from the company in the surface, the researcher decided to deepen their knowledge about the company by interviewing them about their procedures, when it was founded, and services and products they offer.

The researches had travel difficulties because the company that the researchers chose is from Pampanga, while the researches is enrolled in APC resides in Makati. Hence, the researchers try to wittingly accommodate the task of the case study despite the adversities. The team decided to let one researcher of the team to go to Pampanga (The researcher lives there) for the purpose of gathering information from the company.

## Chapter 2

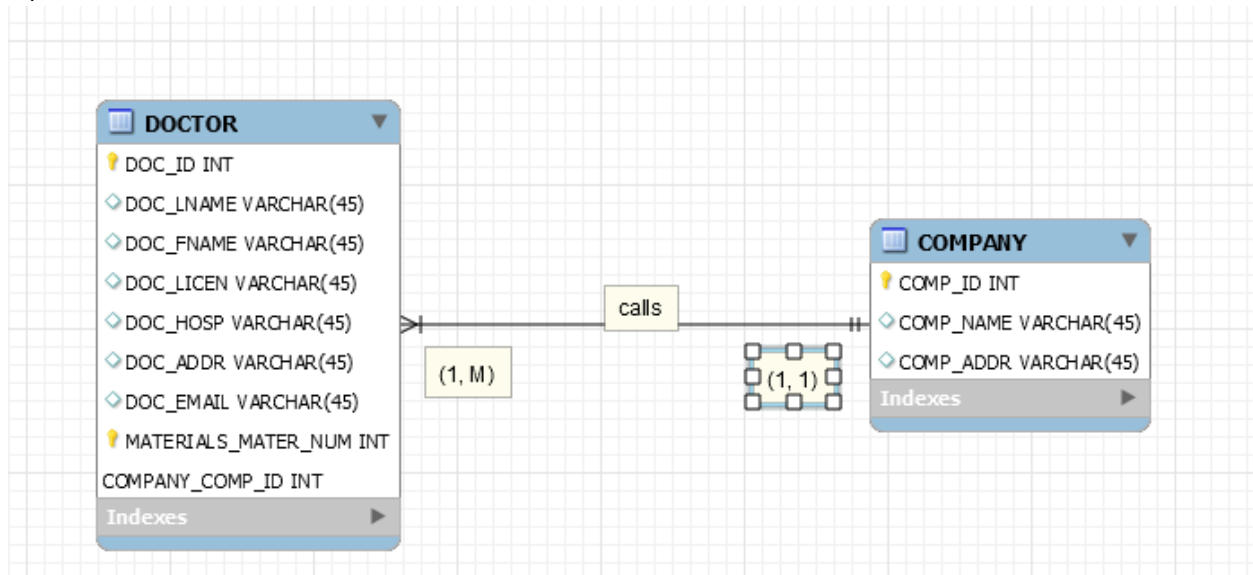
### Business Rules (two-way)

#### Business rule

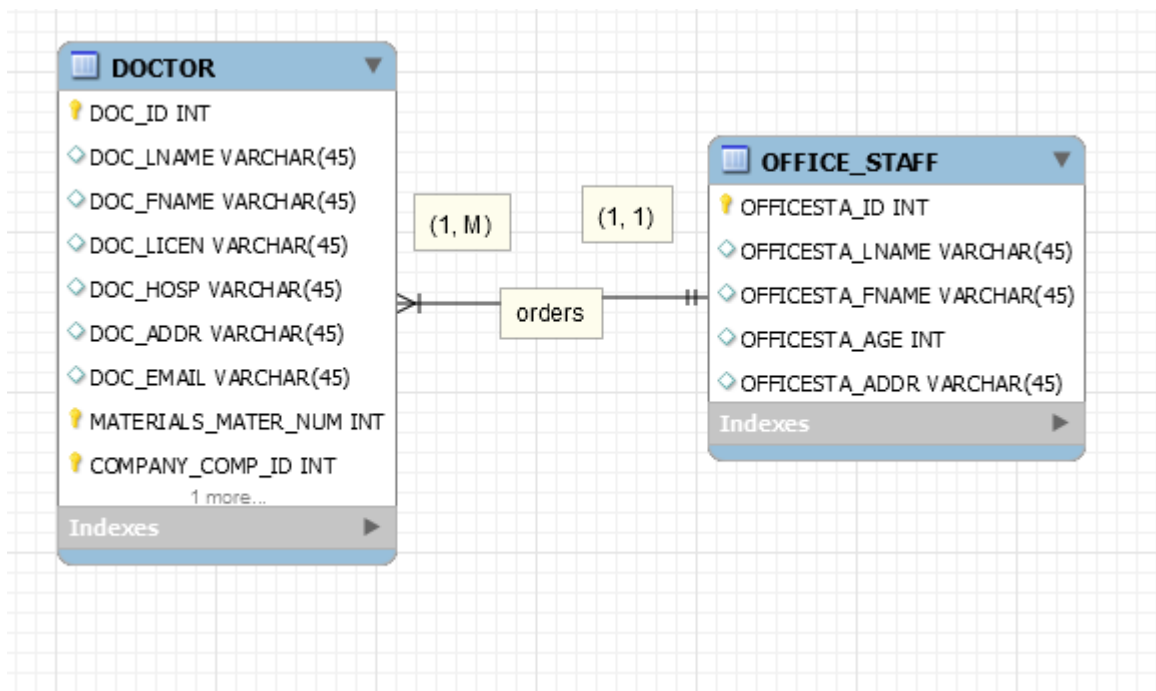
1. Each doctor calls the company. The company is called by many doctors.
2. Each doctor orders materials to one office staff. One office staff is ordered for materials by many doctors.
3. One office staff prepares one purchase order. Purchase order is prepared by one office staff.
4. One office staff prepares many materials. Many materials are prepared by one office staff.
5. One driver staff delivers many materials. Many materials are delivered one driver staff.
6. Many materials are received by one designated hospital. One designated hospital receives many materials
7. One staff of the designated hospital heats up many materials using one autoclave. Using one autoclave, many materials are heated up by one staff of the designated hospital.
8. one staff of the designated hospital returns many materials. Many materials are returned by one staff of the designated hospital.
9. One driver staff accepts many materials. Many materials are accepted by one driver staff.
10. One driver staff delivers many materials. Many materials are delivered one driver staff
11. Each doctor receives many materials. Many materials are received many doctors.
12. One assistant staff approaches many doctors. Each doctor is approached by one assistant staff.
13. Each doctor operates many patients. Each patient is operated by many doctors.
14. One assistant staff assists many doctors during the operation. During the operation, many doctors is assisted by one assistant staff.
15. Each doctor finishes each operation. Each operation is finished by each doctor.
16. One assistant staff prepares one sales invoice. One sales invoice is prepared by one assistant staff.
17. Each patient receives one sales invoice. One sales invoice is received by many patients.
18. Each patient checks one sales invoice. One sales invoice is checked by many patients.
19. Each patient pays one fee. One fee is paid by many patients.

## Entity Relationship Diagram

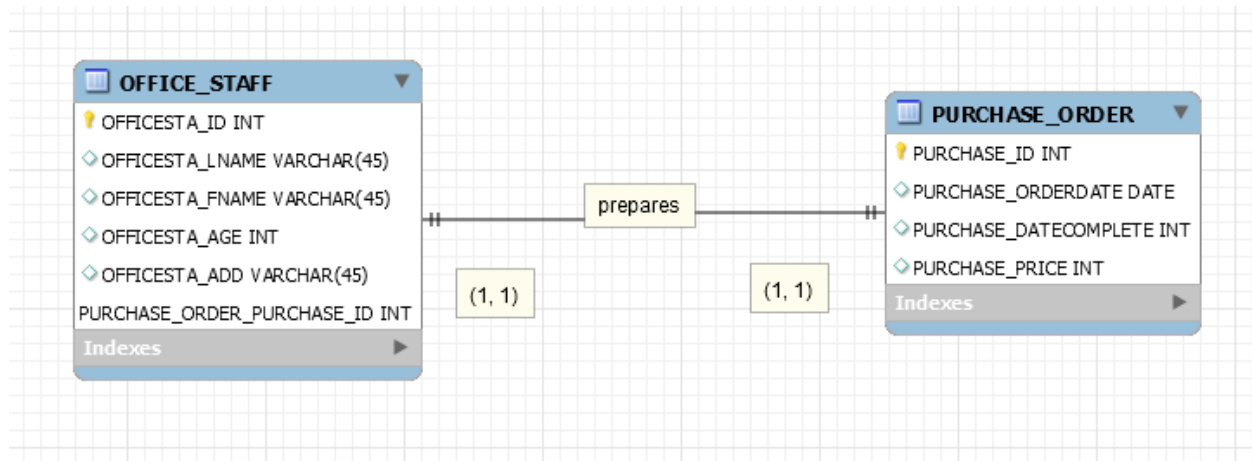
1.)



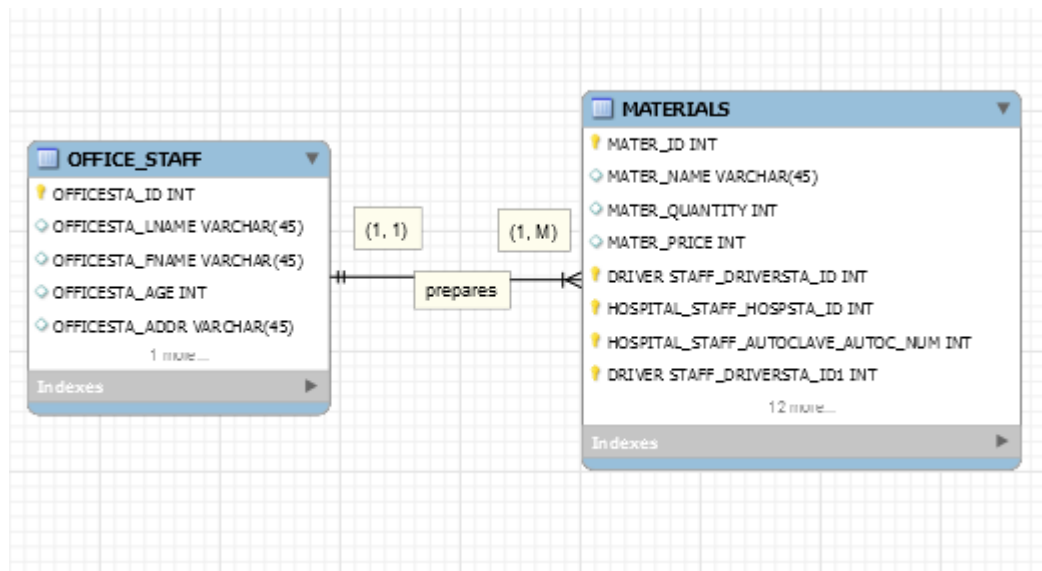
2.)



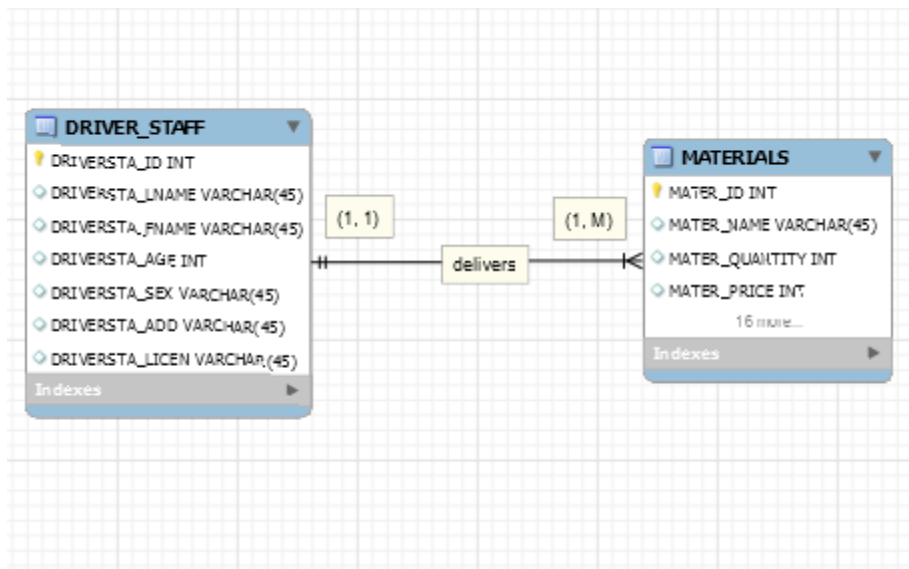
3.)



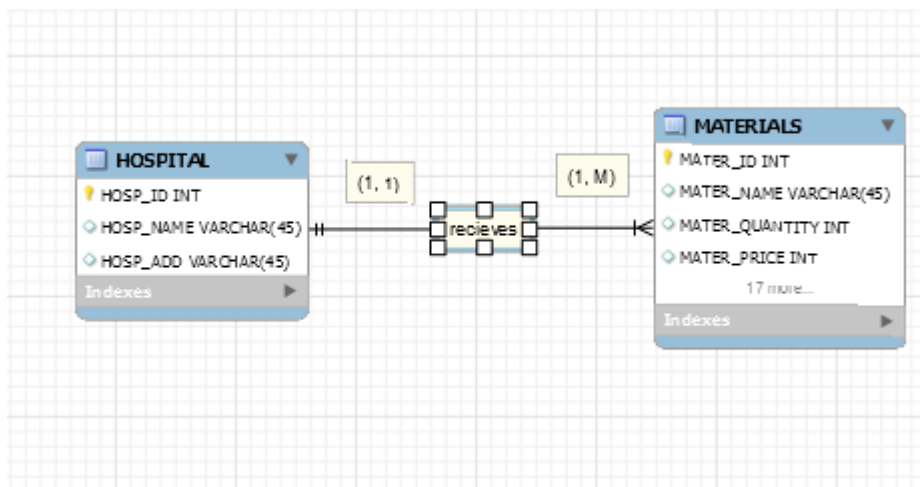
4.)



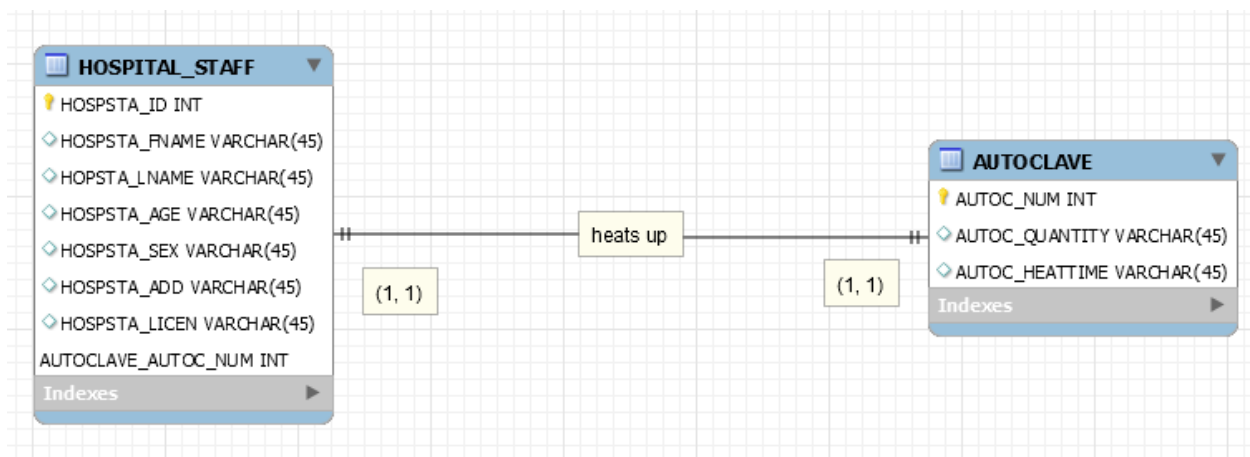
5.)



6.)

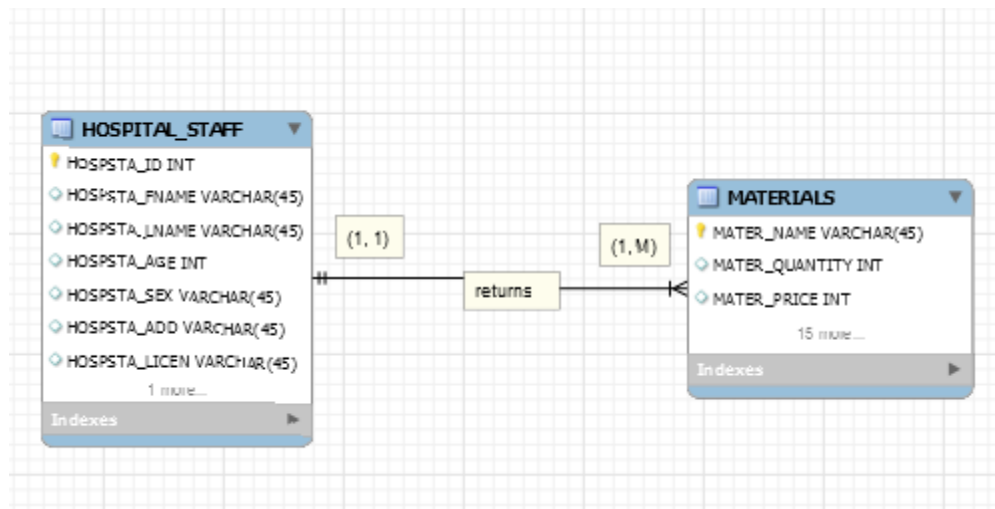


7.)

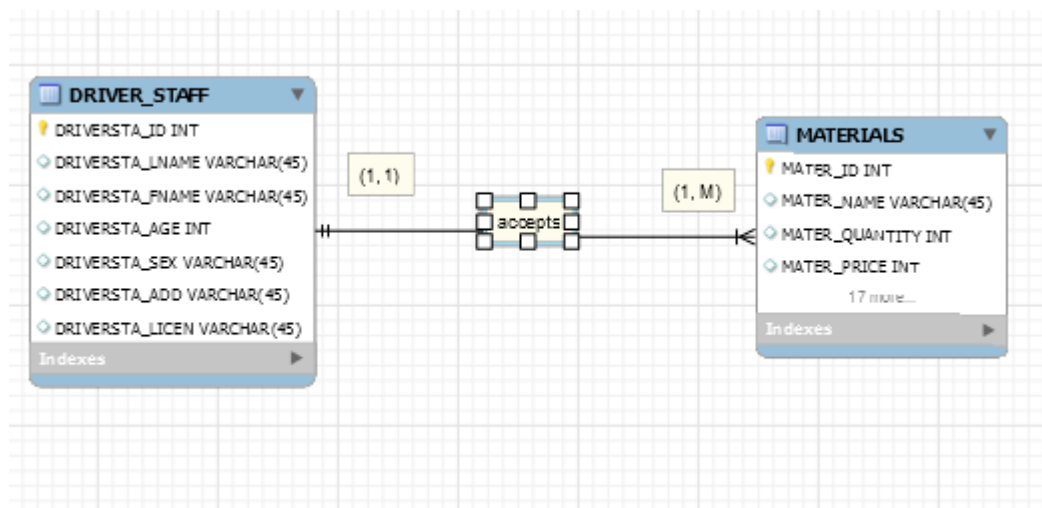


8.)

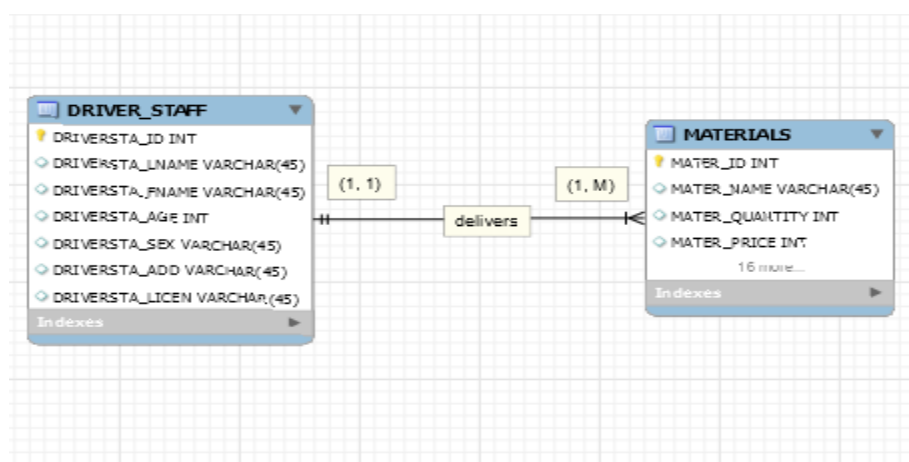




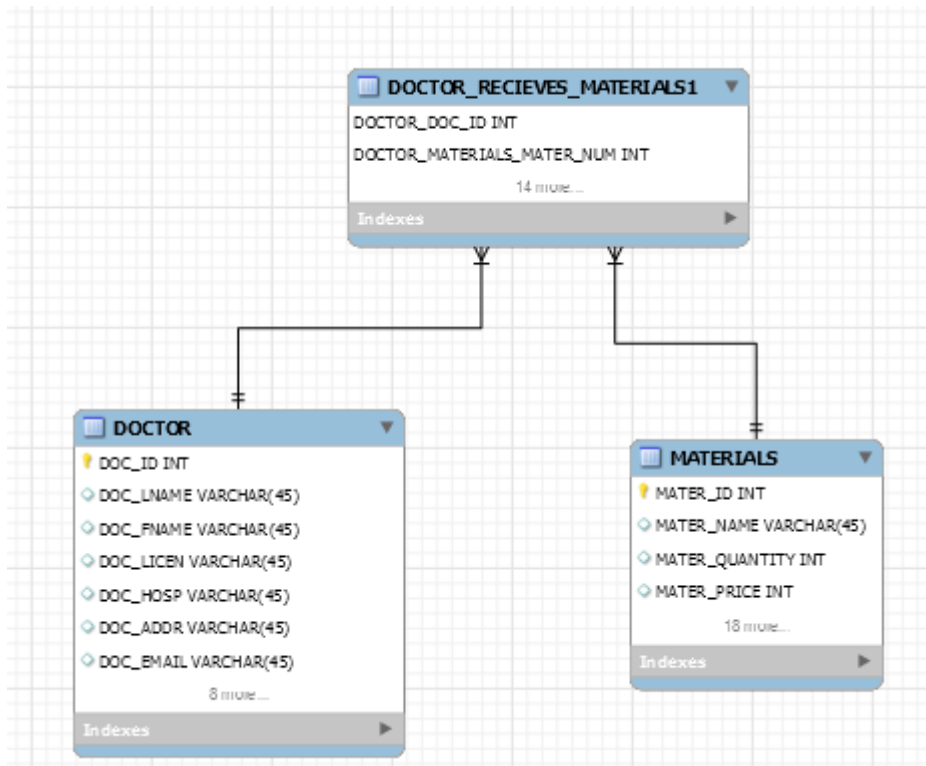
9.)



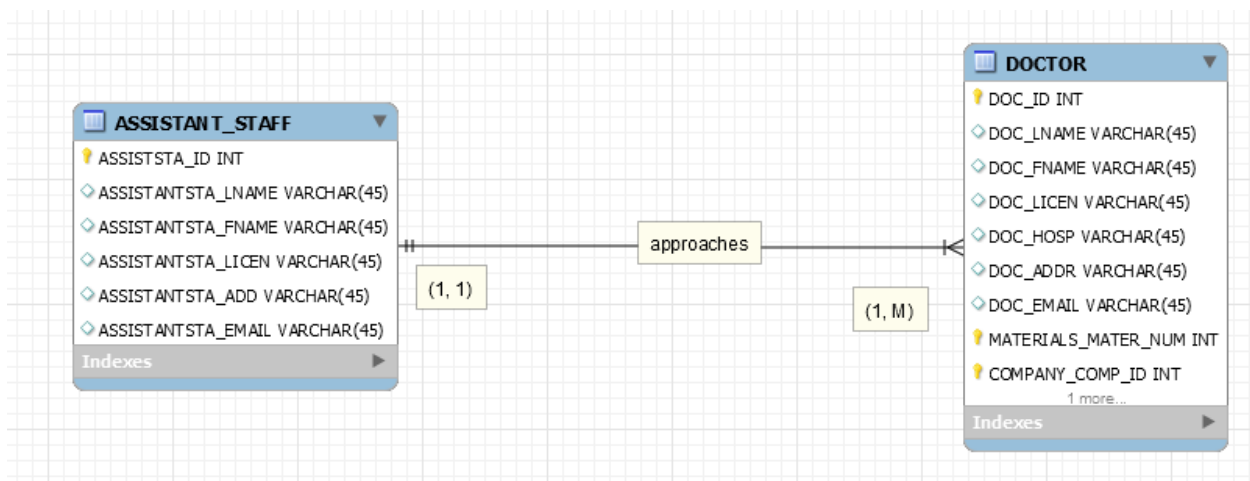
10.)



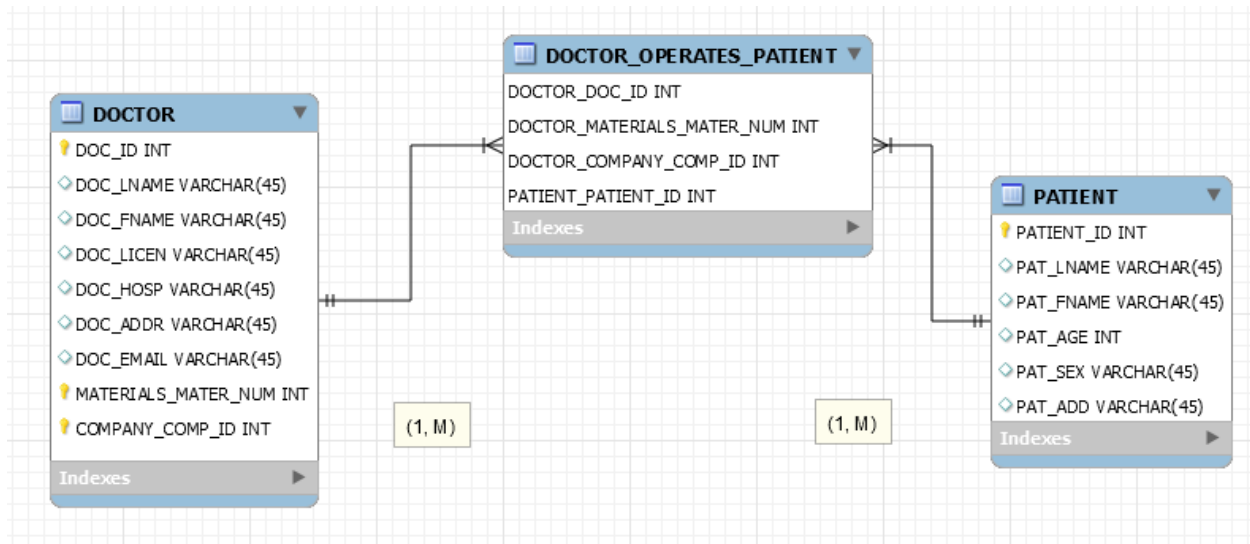
11.)



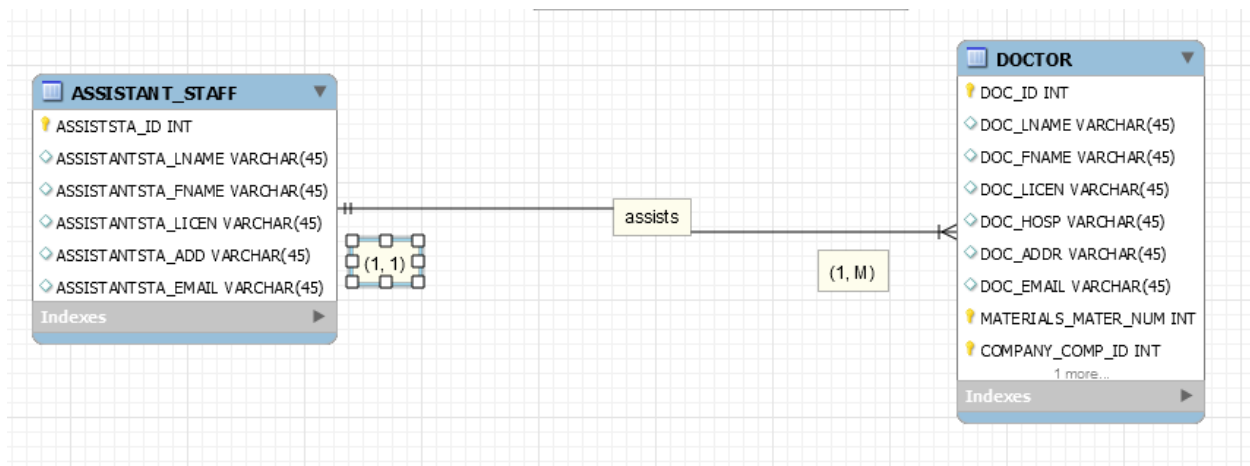
12.)



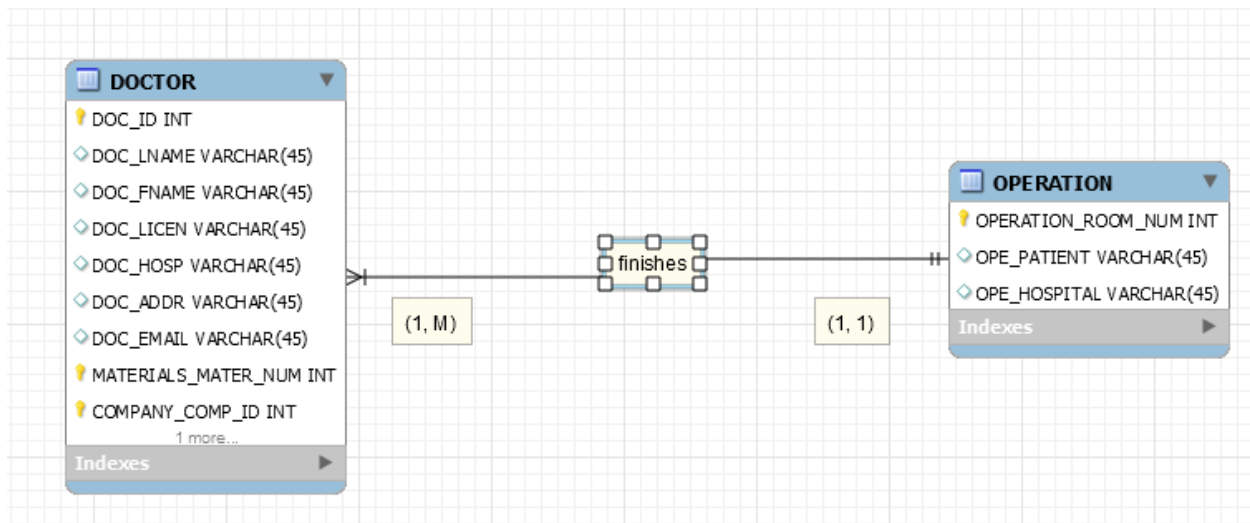
13.)



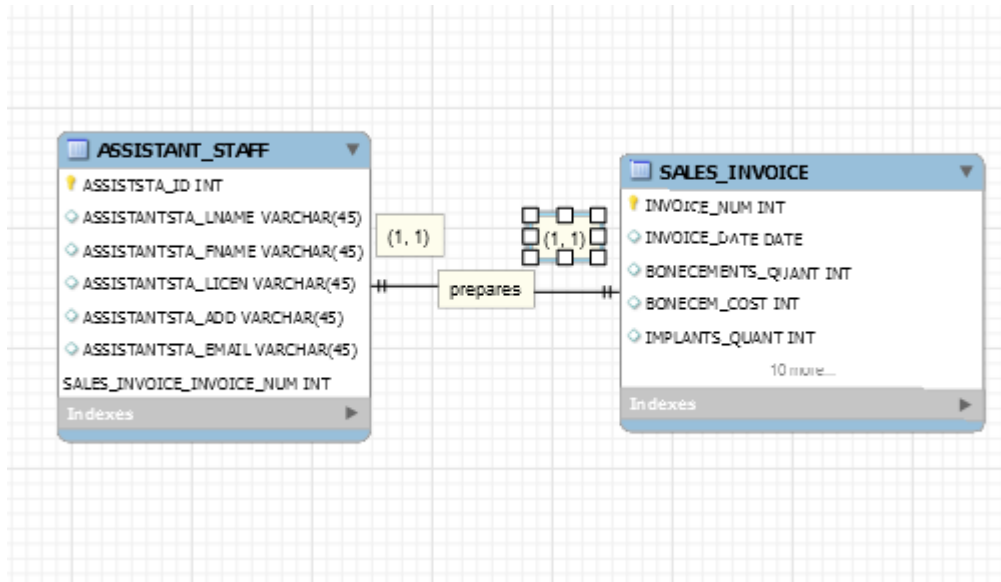
14.)



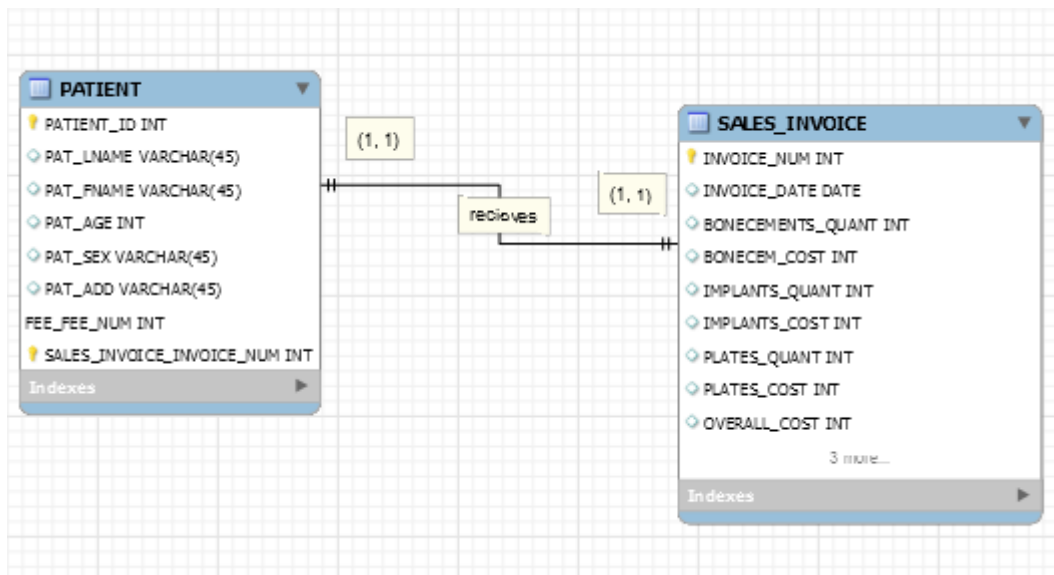
15.)



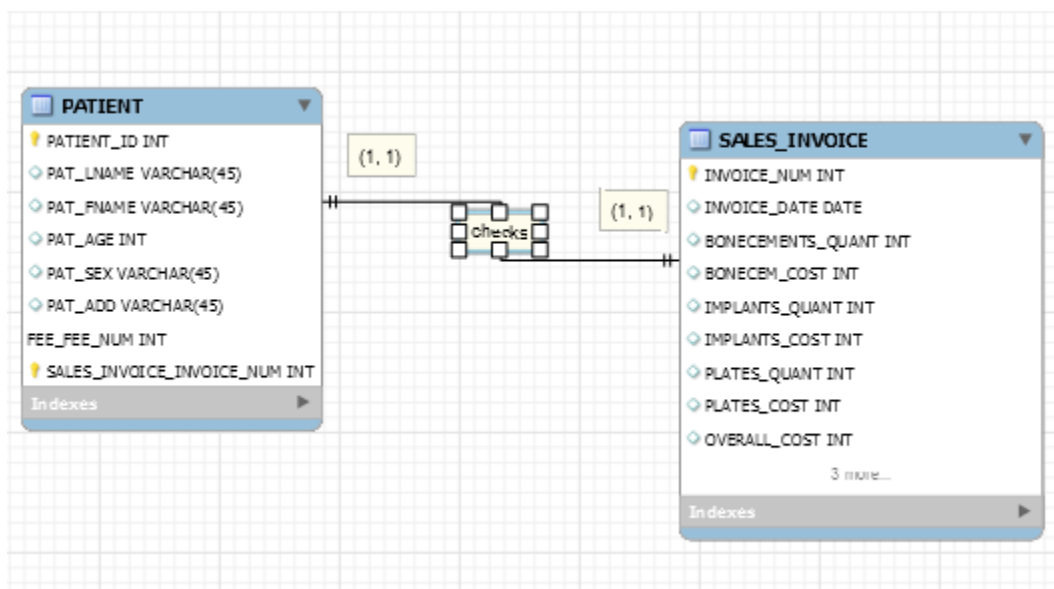
16.)



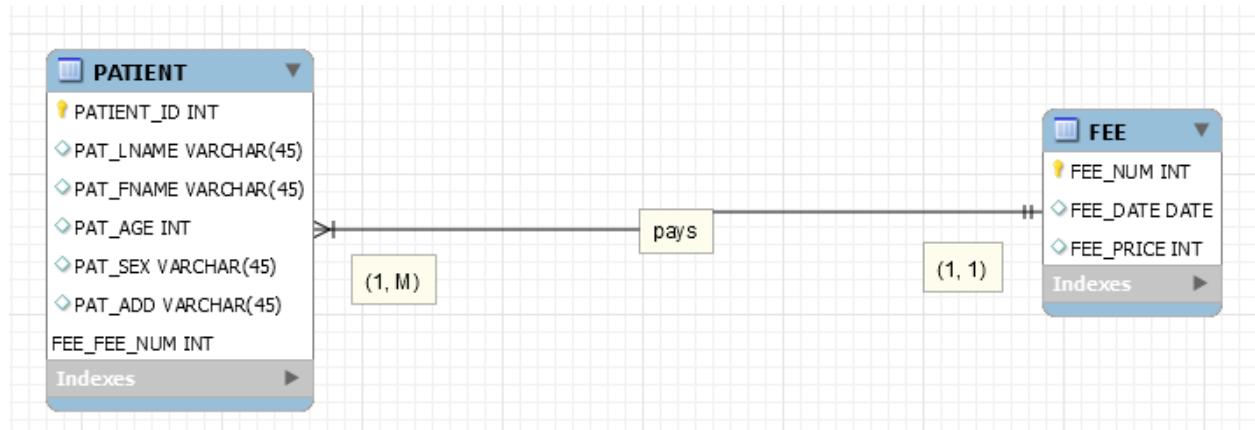
17.)



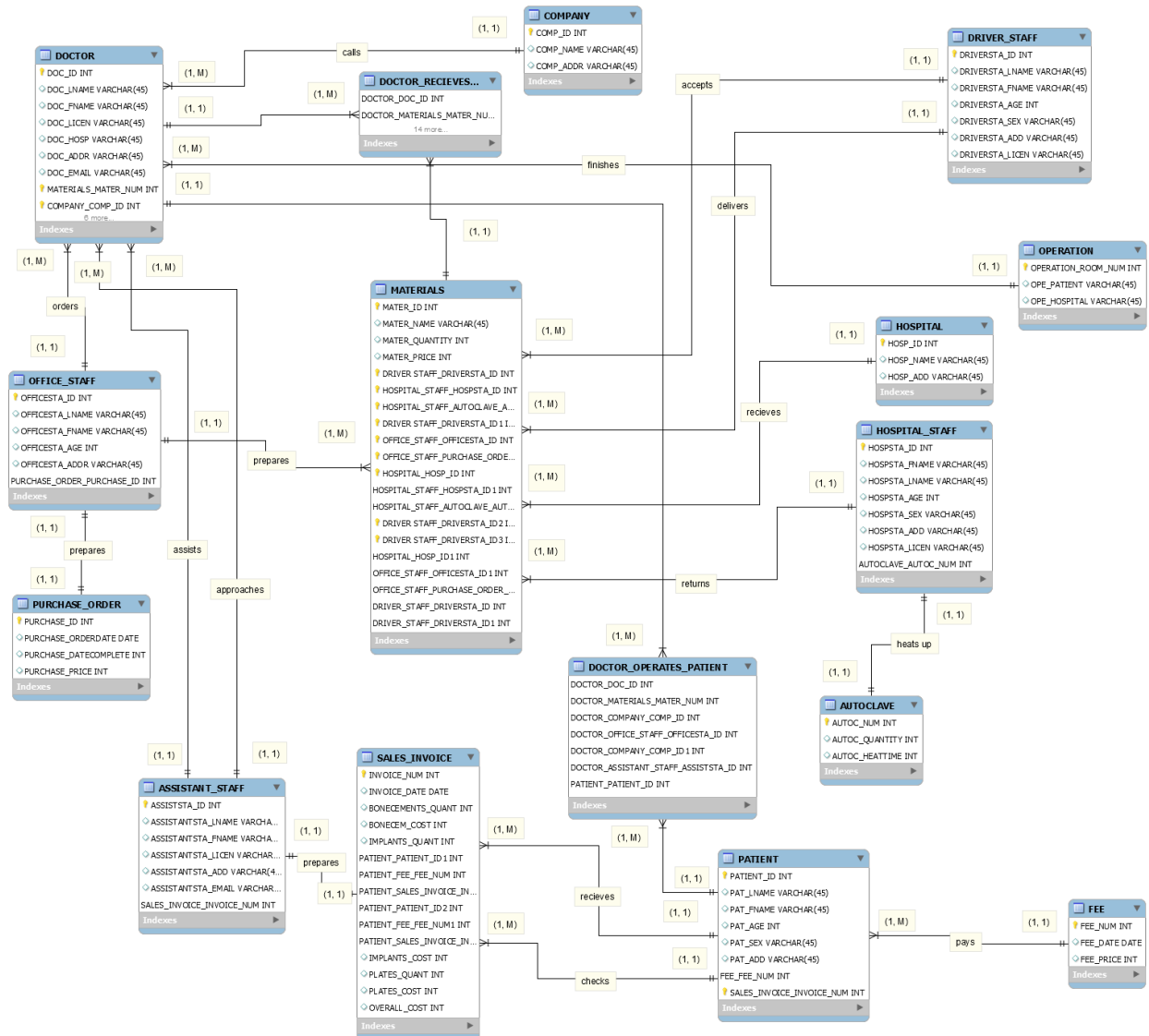
18.)



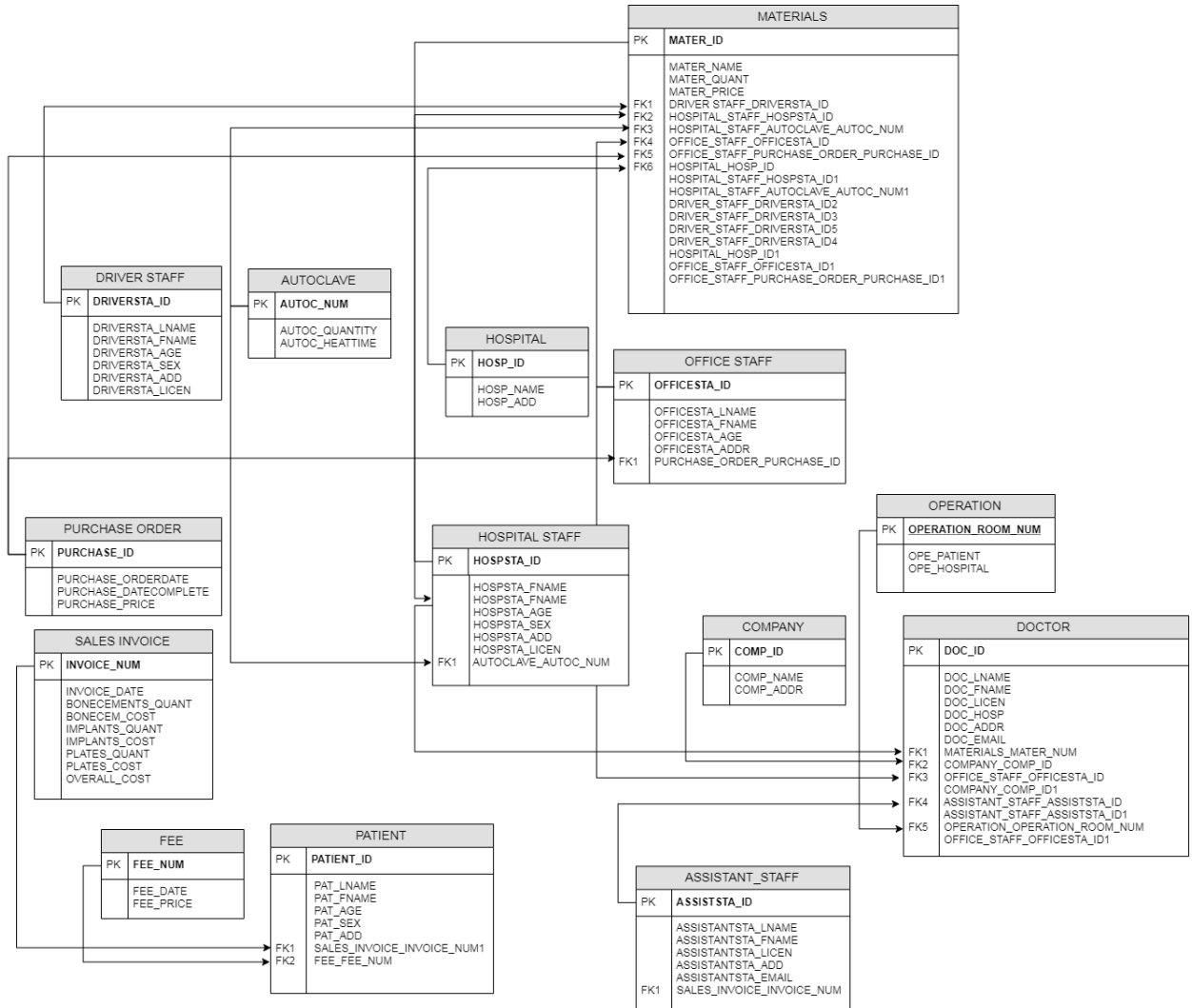
19.)



## Whole concept ERD



## Relational Diagram



## Chapter 3



## Tables

### Data Dictionary

Table Name	Attribute Name	Contents	Type	Format	Range	Re qui red	PK or FK	FK Reference Table
DOCTOR	DOC_ID	Doctor Id	INT	99999 999999	0000000 -9999999	y	PK	
	DOC_LNAME	Doctor Last Name	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx		y		
	DOC_FNAME	Doctor First Name	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx		y		
	DOC_LICEN	Doctor License	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx		y		
	DOC_HOSP	Doctor Hospital	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx		y		
	DOC_ADDR	Doctor Address	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx		y		
	DOC_EMAIL	Doctor Email	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx		y		
	MATER_NAME	Material Name	VARCHAR (45)	99999 999999	0000000 -9999999	y	FK	MATERIALS
	COMPANY_COMP_ID	Company Id	INT	99999 999999	0000000 -9999999	y	FK	COMPANY
	OFFICE_STAFF_OFFICESTA_ID	Office Staff Id	INT	99999 999999	0000000 -9999999	y	FK	OFFICE_STAFF
	ASSISTANT_STAFF_ASSISTSTA_ID	Assistant Staff Id	INT	99999 999999	0000000 -9999999	y	FK	ASSISTANT_STAFF
	OPERATION_OPERATION_ROOM_NUM	Operation Room Number	INT	99999 999999	0000000 -9999999	Y	FK	OPERATION
ASSISTANT _STAFF	ASSISTSTA_ID	Assistant Id	INT	99999 999999	0000000- 9999999	Y	PK	
	ASSISTSTA_LNAME	Assistant Last Name	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx		Y		
	ASSISTSTA_FNAME	Assistant First Name	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx		Y		

	ASSISTSTA_LICEN	Assistant License	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx		Y		
	ASSISTSTA_ADD	Assistance Address	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx		Y		
	ASSISTSTA_EMAIL	Assistance Email	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx		Y		
	INVOICE_NUM	Invoice Number	INT	99999 999999	0000000- 9999999	y	FK1	SALES_INVOI CE
COMPANY	COMP_ID	Company Id	INT	99999 999999	0000000- 9999999	Y	PK	
	COMP_NAME	Company Name	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx		Y		
	COMP_ADDR	Company Address	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx		Y		
OPERATIO N	OPERTATION_ROOM_NUM	Operation Room Number	INT	999999 999999	0000000- 9999999	Y	PK	
	OPE_PATIENT	Operation to patient	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx		Y		
	OPE_HOSPITAL	Operation Hostpital	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx		Y		
OFFICE STAFF	OFFICESTA_ID	Office Staff ID	INT	999999 999999	0000000- 9999999	Y	FK	
	OFFICESTA_LANME	Office Staff Last Name	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx		Y		
	OFFICESTA_FNAME	Office Staff First Name	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx		Y		
	OFFICESTA_AGE	Office Staff Age	INT	999	000-999			
	OFFICESTA_ADDR	Office Staff Address	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx		Y		

	PURCHASE_ID	Purchase Id	INT	999999 999999	0000000- 9999999		FK	PURCHASE_O RDER
PURCHASE ORDER	PURCHASE_ID	Purchase Id	INT	999999 999999	0000000- 9999999	Y	PK	
	PURCHASE_ORDERDATE	Purchase Order Date	DATE	DD- MMM- YYYY		Y		
	PURCHASE_DATECOMPLETE	Purchased Date Complete	Date	DD- MMM- YYYY		Y		
	PURCHASE_PRICE	Purchase Price	INT	999999 999999	0000000- 9999999	Y		
DRIVER STAFF	DRIVERSTA_ID	Driver Staff Id	INT	999999 999999	0000000- 9999999	Y	PK	
	DRIVERSTA_LNAME	Driver Staff Last Name	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx		Y		
	DRIVERSTA_FNAME	Driver Staff Last Name	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx		Y		
	DRIVERSTA_AGE	Driver Staff Age	INT	999	000-999	Y		
	DRIVERSTA_SEX	Driver Staff Sex	VARCHAR (10)	Xxxxxxx xxx				
	DRIVERSTA_ADDR	Driver Staff Address	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx		y		
	DRIVERSTA_LICEN	Driver Staff License	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx		Y		
HOSPITAL	HOSP_ID	Hospital Id	INT	99999 99999 9	0000000- 9999999	Y	PK	
	HOSP_NAME	Hospital Name	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx		Y		
	HOSP_ADD	Hospital Address	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx				
	AUTOC_NUM	Autoclave Number	INT	999999 999999	0000000- 9999999		PK	

AUTOCLAVE	AUTOC_QUANTITY	Autoclave Quantity	INT	999999-999999	0000000-9999999			
	AUTOC_HEATTIME	Autoclave Heating Time	INT	999999-999999	0000000-9999999	Y		
PATIENT	PATIENT_ID	Patient Id	INT	999999-999999	0000000-9999999	Y	PK	
	PAT_LNAME	Patient Last Name	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx		Y		
	PAT_FNAME	Patient First Name	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx		Y		
	PAT_AGE	Patient Age	INT	999	000-999	Y		
	PAT_SEX	Patient Sex	VARCHAR (10)	Xxxxxxx xxx		Y		
	PAT_ADD	Patient Address	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx		Y		
	INVOICE_NUM1	Invoice Number	INT	999999-999999	0000000-9999999	Y	FK	SALES INVOICE
	FEE_NUM	Fee Number	INT	999999-999999	0000000-9999999	Y	FK	FEE
FEE	FEE_NUM	Fee Number	INT	999999-999999	0000000-9999999	Y	PK	
	FEE_DATE	Fee Date	DATE	DD- MMM- YYYY		Y		
	FEE_PRICE	Fee Price	INT	999999-999999	0000000-9999999	Y		
SALES INVOICE	INVOICE_NUM	Invoice Number	INT	999999-999999	0000000-9999999	Y	PK	
	INVOICE_DATE	Invoice Date	DATE	DD- MMM- YYYY		Y		
	BONECEMENTS_QUANT	Bone Cements Quantity	INT	999999-999999	0000000-9999999	Y		

	BONECEMENTS_COST	Bone Cements Cost	INT	999999 999999		Y		
	IMPLANTS_QUANT	Implants Quantity	INT	999999 999999	0000000- 99999999	Y		
	IMPLANTS_COST	Implants Cost	INT	999999 999999	0000000- 99999999	Y		
	PLATES_QUANT	Plates Quantity	INT	999999 999999	0000000- 99999999	Y		
	PLATES_COST	Plates Cost	INT	999999 999999	0000000- 99999999	Y		
	OVERALL_COST	Overall costs of Materials	INT	999999 999999	0000000- 99999999			
HOSPITAL STAFF	HOSPITAL_ID	Hospital Staff Id	INT	999999 999999	0000000- 99999999	Y	PK	
	HOSPSTA_LNAME	Hospital Staff Last Name	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx		Y		
	HOSPSTA_FNAME	Hospital Staff First Name	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx		Y		
	HOSPSTA_AGE	Hospital Staff Age	INT	999999 999999	0000000- 99999999	Y		
	HOSPSTA_SEX	Hospital Staff Sex	VARCHAR (10)	Xxxxxxx xxx		Y		
	HOSPSTA_ADD	Hospital Staff Address	VARCHAR (45)	Xxxxxx xxxxxxx xxxxxxx		Y		
	HOSPSTA_LICEN	Hospital Staff License	INT	999999 999999	0000000- 99999999	Y		
	AUTOCLAVE_AUTOC_NUM	Autoclave Number	INT	999999 999999	0000000- 99999999	Y	FK	AUTOCLAVE
	MATER_ID	Material ID	INT	999999 999999	0000000- 99999999	Y	PK	
	MATER_NAME	Material name	VARCHAR (45)	XXXXXX XXXXXX		Y		
	MATER_QUANTITY	Material quantity	INT	999999 999999	0000000- 99999999	Y		

MATERIALS	MATER_PRICE	Material PRICE	INT	999999 999999	0000000- 9999999	Y		
	DRIVER STAFF_DRIVERSTA_ID	Driver Staff Id	INT	999999 999999	0000000- 9999999	Y	FK	DRIVER STAFF
	HOSPSTA_ID	Hospital Staff Id	INT	999999 999999	0000000- 9999999	Y	FK	HOSPITAL STAFF
	AUTOC_NUM	Autoclave number	INT	999999 999999	0000000- 9999999	Y	FK	AUTOCLAVE
	OFFICESTA_ID	Office Staff Id	INT	999999 999999	0000000- 9999999	Y	FK	OFFICE STAFF
	PURCHASE_ID	Purchase Id	INT	999999 999999	0000000- 9999999	Y	FK	PURCHASE ORDER
	HOSP_ID	Hospital Id	INT	999999 999999	0000000- 9999999	Y	FK	HOPITAL

### Tables with records

TABLE 'DOCTOR'

	DOC_ID	DOC_FNAME	DOC_LNAME	DOC_ADDR	DOC_EMAIL
	Filter	Filter	Filter	Filter	Filter
1	10	DR. ADRIAN J...	ANTONIO	DON BENITO ...	AJAO@STUDE...
2	11	DR. TANJIRO	KAMADO	PILLAR VILLA...	TANJIRO@ST...
3	12	DR. ROSE	MEDINA	MAIMPIS VILL...	MEDINA@YAH...
4	13	DR. NEZUKO	KAMADO	PILLAR VILLA...	NEZUKO123@...
5	14	DR. ANGELO	MUZAN	ST. MARY VIL...	ANGELO@YAH...
6	15	DR. PEDRO	OCAMPO	ST. OCAMPO ...	PETER123@Y...
7	16	DR. SAM	ESTACIO	MAIMPIS VILL...	DR_ESTACIO...

TABLE 'MATERIALS'

	MATER_ID	MATER_NAME	MATER_QUANT	MATER_PRICE
	Filter	Filter	Filter	Filter
1	50	BONE CEMENT	12	4499
2	51	IMPLANTS	30	4500
3	52	PLATES	1	3500

TABLE 'SALES\_INVOICE'

	INVOICE_NUM	INVOICE_DATE	PATIENT_ID	IECEMENTS_QU	BONECEM_COST	MI
	Filter	Filter	Filter	Filter	Filter	Fi
1	17	MAR 1 2019	17	NULL	NULL	N
2	16	MAR 1 2019	16	NULL	NULL	N
3	15	MAR 1 2019	15	NULL	NULL	N
4	13	FEB 13 2019	13	2	4499	4
5	14	MAR 1 2019	13	NULL	NULL	N
6	12	JAN 19 2019	12	2	4499	N
7	11	JAN 8 2019	11	1	4499	N
8	10	JAN 2 2019	10	1	4499	2

	OST	MPLANTS_QUAN	MPLANTS_COST	PLATES_QUANT	PLATES_COST	OVERALL_COST
	Filter	Filter	Filter	Filter	Filter	
1		NULL	NULL	10	4500	45000
2		NULL	NULL	1	4500	4500
3		NULL	NULL	5	4500	22500
4		4	7000	5	4500	59498
5		NULL	NULL	3	4500	13500
6		NULL	NULL	5	4500	31498
7		NULL	NULL	2	4500	4499
8		2	7000	3	13000	24499

TABLE 'PATIENT'

	PATIENT_ID	PAT_LNAME	PAT_FNAME	PAT_AGE	PAT_SEX
	Filter	Filter	Filter	Filter	Filter
1	10	ANGELO	MARTINEZ	18	M
2	11	MARQUEZ	JANE	19	F
3	12	KYLIX	OCAMPO	25	M
4	13	SAMSON	VICTOR	18	M
5	14	ALBERTO	KEITH	19	M
6	15	LEAH	SALONGA	32	F
7	16	VALENCIA	LING	24	F
8	17	RAMOS	ANGEL	20	F

TABLE 'OFFICE\_STAFF'

	OFFICESTA_ID	FFICESTA_LNAM	FFICESTA_FNAM	OFFICESTA_AGE	FFICESTA_ADDI
	Filter	Filter	Filter	Filter	Filter
1	100	ABENALES	ANGELINE	21	AMAPOLA ST....
2	101	ABUACAN	RJAM	23	NORTHWOOD...
3	102	ANTONIO	AJ	20	CATTLEYA ST...
4	103	AQUINO	ALEXIS	25	DE FLORES S...
5	104	ASIA	ACE	25	PILLAR VILLA...
6	105	BANAWA	ROVVC	25	DE FLORES S...
7	106	BANCE	RANDREB	28	SAMPAGUITA ...
8	107	BANGLAGAN	KEVIN	22	ANGELO ST.S...

TABLE 'DRIVER\_STAFF'

	DRIVERSTA_ID	RIVERSTA_LNAM	RIVERSTA_FNAM	DRIVERSTA_AGE	DRIVERSTA_SEX	DRIVERSTA_ADDI
	Filter	Filter	Filter	Filter	Filter	Filter
1	200	ANTONIO	FLORES	30	M	MA
2	201	GARDON	AARON	32	M	CA
3	202	GENETE	RAY	39	M	DE
4	202	JAVIER	JUDE	30	M	NO
5	203	LORENZO	MELO	41	M	SA
6	204	MACATANGAY	MARK	35	M	MA
7	205	MANZO	BRENT	25	M	CA
8	206	MASONGSONG	IVAN	21	M	PIL



DRIVERSTA_AGE	DRIVERSTA_SEX	DRIVERSTA_ADI	RIVERSTA_LICE
Filter	Filter	Filter	Filter
30	M	MAIMPIS ST....	YES
32	M	CATTLEYA ST...	YES
39	M	DE LORA ST....	YES
30	M	NORTHWOOD...	YES
41	M	SAMPAGUITA ...	YES
35	M	MAIMPIS ST....	YES
25	M	CALINGAW S...	YES
21	M	PILLAR ST.SAN	YES

TABLE 'ASSISTANT\_STAFF'

	ASSISTSTA_ID	ISTANTSTA_LN	ISTANTSTA_FN	ISTANTSTA_LI	SISTANTSTA_A	IS
	Filter	Filter	Filter	Filter	Filter	Filt
1	306	CLAMOSO	MAX	DRIVER LICEN...	AMAPOLA ST....	MA
2	300	NAVIDA	VINCE	DRIVER LICEN...	CATTLEYAST....	NA
3	301	ORDONEZ	JUSTIN	DRIVER LICEN...	MAIMPISST. ...	OR
4	303	ROSALES	PATRICK	DRIVER LICEN...	MAIMPISST. ...	RO
5	305	ZUNIGA	ADRIAN	DRIVER LICEN...	MAW ST.ANG...	ZU
6	302	ORMITA	ROMMEL	DRIVER LICEN...	MEXICO ST.S...	OR
7	304	TOLENTINO	ANZEL	DRIVER LICEN...	MEXICO ST.S...	TO

ISTANTSTA_EM
Filter
MAXRESTO@...
NAVIDALOCO...
ORDONEZ@Y...
ROSALES@YA...
ZUNIGA@YAH...
ORMITA@YA...
TOLENTINO@...

TABLE 'HOSPITAL\_STAFF'

	HOSPSTA_ID	IOSPSTA_FNAMI	IOSPSTA_LNAMI	HOSPSTA_AGE	HOSPSTA_SEX
	Filter	Filter	Filter	Filter	Filter
1	1000	LUFFY	MARTINEZ	22	M
2	1001	GIN	ALIAS	23	M
3	1002	PANDAY	HALALAN	25	M
4	1003	JOE	KHANACAD	43	M
5	1004	MEDINA	CYRELLE	21	F
6	1005	ROCAMORA	EUNACE	32	F
7	1005	SALVIO	CIENNA	22	F
8	1006	SALVIO	CIENNA	22	F

HOSPSTA_ADD	HOSPSTA_LICEN
Filter	Filter
HALALA ST.S...	AUTOCLAVE L...
ST. MARK VIL...	AUTOCLAVE L...
N ST.ANGELES,	AUTOCLAVE L...
ST. JOSEPH V...	AUTOCLAVE L...
NIGHT ST.AN...	AUTOCLAVE L...
DAY ST.ANGE...	AUTOCLAVE L...
ALBANES ST....	AUTOCLAVE L...
ALBANES ST....	AUTOCLAVE L...

TABLE 'OPERATION'

	RATION_ROOM_	OPE_PATIENT	OPE_HOSPITAL
	Filter	Filter	Filter
1	301	LEAH	WESTECH HO...
2	502	VALENCIA	ANTONIO HO...
3	502	RAMOS	ALBERTO HO...
4	291	ALMARES	ANGELES HOS...
5	801	SAMSON	JOSEFINA HO...
6	723	PANGILINAN	NORTHWOOD...
7	423	KAMADO	SAN FERNAN...

TABLE 'FEE'

	FEE_NUM	FEE_DATE	FEE_PRICE
	Filter	Filter	Filter
1	801	JAN 3 2019	40000
2	841	JAN 16 2019	21000
3	891	JAN 28 2019	7700
4	901	FEB 3 2019	8900
5	951	FEB 22 2019	17700
6	1001	MAR 1 2019	26900
7	1101	MAR 15 2019	50920

TABLE 'HOSPITAL'

	HOSP_ID	HOSP_NAME	HOSP_ADD
	Filter	Filter	Filter
1	23672	MT. CARMEL ...	LOT 4, NINYOY...

TABLE 'AUTOCLAVE'

	AUTOC_NUM	UTOC_QUANTIT	UTOC_HEATTIM
	Filter	Filter	Filter
1	19382	1	1 HOUR

TABLE 'PURCHASE\_ORDER'

1	023	SEP 5 2019	SEP 18 2019	21000
2	026	JUNE 8 2019	JULY 5 2019	15000
3	027	JAN 12 2019	FEB 14 2019	8000
4	028	DEC 1 2019	DEC 14 2019	9000
5	025	AUG 8 2019	SEP 5 2019	10000
6	024	AUG 5 2019	AUG 30 2019	50000

## Transactions

INSERT

TABLE 'DOCTOR'

1.)

```

1  INSERT INTO DOCTOR (DOC_INT, DOC_FNAME,
2  DOC_LNAME, DOC_ADDR, DOC_EMAIL)
3  VALUES ('010', 'DR. ADRIAN JOHN', 'ANTONIO', 'DON BENITO ST. MANII
4  'AANTONIO@STUDENT.APC.EDU.PH');

```

1	10	DR. ADRIAN J...	ANTONIO	DON BENITO ...	AANTONIO@...
---	----	-----------------	---------	----------------	--------------

2.)

```

1  INSERT INTO DOCTOR (DOC_INT, DOC_FNAME,
2  DOC_LNAME, DOC_ADDR)
3  VALUES ('011', 'DR. TANJIRO', 'KAMADO', 'PILLAR VILLAGE
4  , ANGELES, PAMPANGA');
5

```

2	11	DR. TANJIRO	KAMADO	PILLAR VILLA...	NULL
---	----	-------------	--------	-----------------	------

3.)

```

1  INSERT INTO DOCTOR (DOC_INT, DOC_FNAME,
2  DOC_LNAME, DOC_ADDR)
3  VALUES ('012', 'DR. ROSE', 'MEDINA', 'MAIMPIS VILLAGE,
4  SAN FERNANDO, PAMPANGA');
5

```

3	12	DR. ROSE	MEDINA	MAIMPIS VILL...	NULL
---	----	----------	--------	-----------------	------

4.)

```

1  INSERT INTO DOCTOR (DOC_INT, DOC_FNAME,
2  DOC_LNAME, DOC_ADDR, DOC_EMAIL)
3  VALUES ('013', 'DR. NEZUKO', 'KAMADO', 'PILLAR VILLAGE,
4  ANGELES, PAMPANGA', 'NEZUKO123@YAHOO.COM.PH');
5

```

4	13	DR. NEZUKO	KAMADO	PILLAR VILLA...	NEZUKO123@...
---	----	------------	--------	-----------------	---------------

5.)


```

1  INSERT INTO DOCTOR (DOC_ID, DOC_FNAME, DOC_LNAME, DOC_ADDR,
2  DOC_EMAIL)
3  VALUES ('015', 'DR. PETER', 'OCAMPO', 'ST. OCAMPO VILLAGE,
4  ANGELES, PAMPANGA' , 'PETER123@YAHOO.COM');
5  INSERT INTO DOCTOR (DOC_ID, DOC_FNAME, DOC_LNAME, DOC_ADDR)
6  VALUES ('016', 'DR. SAM', 'ESTACIO', 'MAIMPIS VILLAGE,
7  SAN FERNANDO, PAMPANGA');

```

6	15	DR. PETER	OCAMPO	ST. OCAMPO ...	PETER123@Y...
7	16	DR. SAM	ESTACIO	MAIMPIS VILL...	NULL

SELECT

SQL 1 


```
1  SELECT * FROM DOCTOR;
```

	DOC_ID	DOC_FNAME	DOC_LNAME	DOC_ADDR	
1	10	DR. ADRIAN JOHN	ANTONIO	DON BENITO ST. MANILA	AANTONIO
2	11	DR. TANJIRO	KAMADO	PILLAR VILLAGE, ANGELES,...	NULL
3	12	DR. ROSE	MEDINA	MAIMPIS VILLAGE, SAN FE...	NULL
4	13	DR. NEZUKO	KAMADO	PILLAR VILLAGE, ANGELES,...	NEZUKO12:
5	14	DR. ANGELO	MUZAN	ST. MARY VILLAGE, ANGEL...	ANGELO@Y
6	15	DR. PETER	OCAMPO	ST. OCAMPO VILLAGE, AN...	PETER123@
7	16	DR. SAM	ESTACIO	MAIMPIS VILLAGE, SAN FE...	NULL

UPDATE

TABLE 'DOCTOR'

1.)

SQL 1 

```
1 UPDATE DOCTOR
2 SET DOC_EMAIL = 'KAMADO123@YAHOO.COM.PH'
3 WHERE DOC_ID = '011';
```

2	11	DR. TANJIRO	KAMADO	PILLAR VILLA...	KAMADO123...
---	----	-------------	--------	-----------------	--------------

2.)

SQL 1 ✖

```
1 UPDATE DOCTOR
2 SET DOC_EMAIL = 'MEDINA@YAHOO.COM'
3 WHERE DOC_ID = '012';
```

3	12	DR. ROSE	MEDINA	MAIMPIS VILL...	MEDINA@YAH...
---	----	----------	--------	-----------------	---------------


3.)

SQL 1 ✖

```
1 UPDATE DOCTOR
2 SET DOC_EMAIL = 'DR_ESTACIO@YAHOO.COM'
3 WHERE DOC_ID = '016';
```

7	16	DR. SAM	ESTACIO	MAIMPIS VILL...	DR_ESTACIO...
---	----	---------	---------	-----------------	---------------


4.)

SQL 1 

```
1 UPDATE DOCTOR
2 SET DOC_EMAIL = 'AJAO@STUDENT.APC.EDU.PH'
3 WHERE DOC_EMAIL LIKE 'AJ%';
```

1	10	DR. ADRIAN J...	ANTONIO	DON BENITO ...	AJAO@STUDE...
---	----	-----------------	---------	----------------	---------------

5.)

SQL 1 

```
1 UPDATE DOCTOR
2 SET DOC_EMAIL = 'TANJIRO@STUDENT.APC.EDU.PH'
3 WHERE DOC_LNAME = 'KAMADO' AND DOC_ID = '11';
```

2	11	DR. TANJIRO	KAMADO	PILLAR VILLA...	TANJIRO@ST...
---	----	-------------	--------	-----------------	---------------


SELECT

	DOC_ID	DOC_FNAME	DOC_LNAME	DOC_ADDR	DOC_EMAIL
	Filter	Filter	Filter	Filter	Filter
1	10	DR. ADRIAN J...	ANTONIO	DON BENITO ...	AJAO@STUDE...
2	11	DR. TANJIRO	KAMADO	PILLAR VILLA...	TANJIRO@ST...
3	12	DR. ROSE	MEDINA	MAIMPIS VILL...	MEDINA@YAH...
4	13	DR. NEZUKO	KAMADO	PILLAR VILLA...	NEZUKO123@...
5	14	DR. ANGELO	MUZAN	ST. MARY VIL...	ANGELO@YAH...
6	15	DR. PEDRO	OCAMPO	ST. OCAMPO ...	PETER123@Y...
7	16	DR. SAM	ESTACIO	MAIMPIS VILL...	DR_ESTACIO...

DELETE

TABLE 'DOCTOR'

1.)

SQL 1 

```


1  SELECT * FROM DOCTOR;
2  DELETE FROM DOCTOR WHERE DOC_ID='017';
3  SELECT * FROM DOCTOR;

```

	DOC_ID	DOC_FNAME	DOC_LNAME	DOC_ADDR	DOC_EMAIL
5	14	DR. ANGELO	MUZAN	ST. MARY VIL...	ANGELO@YAH...
6	15	DR. PEDRO	OCAMPO	ST. OCAMPO ...	PETER123@Y...
7	16	DR. SAM	ESTACIO	MAIMPIS VILL...	DR_ESTACIO...
8	18	DR. THOMAS	KORSERA	KHANACAD VI...	KORSERA@YAH...
9	19	DR. JOE	CALLILUNG	PHYSICS VILL...	CALLILUNG@...

2.)




SQL 1 

```
1 SELECT * FROM DOCTOR;  
2 DELETE FROM DOCTOR WHERE DOC_ID='016';  
3 SELECT * FROM DOCTOR;
```

	DOC_ID	DOC_FNAME	DOC_LNAME	DOC_ADDR	DOC_EMAIL
3	12	DR. ROSE	MEDINA	MAIMPIS VILL...	MEDINA@YA
4	13	DR. NEZUKO	KAMADO	PILLAR VILLA...	NEZUKO123@
5	14	DR. ANGELO	MUZAN	ST. MARY VIL...	ANGELO@YA
6	15	DR. PEDRO	OCAMPO	ST. OCAMPO ...	PETER123@
7	18	DR. THOMAS	KORSERA	KHANACAD VI...	KORSERA@
8	19	DR. JOE	CALLILUNG	PHYSICS VILL...	CALLILUNG@

3.)

SQL 1 

```
1 SELECT * FROM DOCTOR;  
2 DELETE FROM DOCTOR WHERE DOC_ID='013' AND DOC_LNAME = 'KAMADO';  
3 SELECT * FROM DOCTOR;
```

	DOC_ID	DOC_FNAME	DOC_LNAME	DOC_ADDR	DOC_EMAIL
1	10	DR. ADRIAN J...	ANTONIO	DON BENITO ...	AJAO@STUI
2	11	DR. TANJIRO	KAMADO	PILLAR VILLA...	TANJIRO@S
3	12	DR. ROSE	MEDINA	MAIMPIS VILL...	MEDINA@YA
4	14	DR. ANGELO	MUZAN	ST. MARY VIL...	ANGELO@YA
5	15	DR. PEDRO	OCAMPO	ST. OCAMPO ...	PETER123@
6	18	DR. THOMAS	KORSERA	KHANACAD VI...	KORSERA@

4.)

SQL 1

```

1 SELECT * FROM DOCTOR;
2 DELETE FROM DOCTOR WHERE DOC_EMAIL LIKE 'AJ%';
3 SELECT * FROM DOCTOR;

```

	DOC_ID	DOC_FNAME	DOC_LNAME	DOC_ADDR	DOC_EMAIL
1	11	DR. TANJIRO	KAMADO	PILLAR VILLA...	TANJIRO@S...
2	12	DR. ROSE	MEDINA	MAIMPIS VILL...	MEDINA@YA...
3	14	DR. ANGELO	MUZAN	ST. MARY VIL...	ANGELO@YA...
4	15	DR. PEDRO	OCAMPO	ST. OCAMPO ...	PETER123@...
5	18	DR. THOMAS	KORSERA	KHANACAD VI...	KORSERA@...
6	19	DR. JOE	CALLILUNG	PHYSICS VILL...	CALLILUNG@...

5.)

SQL 1


```

1 SELECT * FROM DOCTOR;
2 DELETE FROM DOCTOR WHERE DOC_FNAME = 'DR. ROSE' AND
3   DOC_LNAME = 'MEDINA';
4 SELECT * FROM DOCTOR;

```

	DOC_ID	DOC_FNAME	DOC_LNAME	DOC_ADDR	DOC_EMAIL
1	11	DR. TANJIRO	KAMADO	PILLAR VILLA...	TANJIRO@ST..
2	14	DR. ANGELO	MUZAN	ST. MARY VIL...	ANGELO@YAH.
3	15	DR. PEDRO	OCAMPO	ST. OCAMPO ...	PETER123@Y...
4	18	DR. THOMAS	KORSERA	KHANACAD VI...	KORSERA@Y...
5	19	DR. JOE	CALLILUNG	PHYSICS VILL...	CALLILUNG@...

SELECT

SQL 1 


```
1 SELECT * FROM DOCTOR;
```

	DOC_ID	DOC_FNAME	DOC_LNAME	DOC_ADDR	DOC_E
1	11	DR. TANJIRO	KAMADO	PILLAR VILLAGE, ANGELE...	TANJIRO@STUDE
2	14	DR. ANGELO	MUZAN	ST. MARY VILLAGE, ANG...	ANGELO@YAHOO
3	15	DR. PEDRO	OCAMPO	ST. OCAMPO VILLAGE, A...	PETER123@YAHOC
4	18	DR. THOMAS	KORSERA	KHANACAD VILLAGE,FER...	KORSERA@YAHOC
5	19	DR. JOE	CALLILUNG	PHYSICS VILLAGE,FERNA...	CALLILUNG@GMA

INSERT


TABLE 'MATERIALS'

1.)

SQL 1 


```
1 INSERT INTO MATERIALS (MATER_ID, MATER_NAME, MATER_QUANT,
2 MATER_PRICE)
3 VALUES('050', 'BONE CEMENT', '12', '4499');
```

2.)

SQL 1 

```
1 INSERT INTO MATERIALS (MATER_ID, MATER_NAME, MATER_QUANT,
2 MATER_PRICE)
3 VALUES('051', 'IMPLANTS', '30', '4499');
```

3.)

SQL 1 

```
1 INSERT INTO MATERIALS (MATER_ID, MATER_NAME, MATER_QUANT,  
2 MATER_PRICE)  
3 VALUES ('052', 'PLATES', '1', '4500');  
4
```


SELECT

	MATER_ID	MATER_NAME	MATER_QUANT	MATER_PRICE
	Filter	Filter	Filter	Filter
1	50	BONE CEMENT	12	4499
2	51	IMPLANTS	30	4500
3	52	PLATES	1	3500

UPDATE


TABLE 'MATERIALS'

1.)

SQL 1 


```
1 UPDATE MATERIALS  
2 SET MATER_QUANT = '30'  
3 WHERE MATER_NAME = 'BONE CEMENT';  
4
```

2.)

SQL 1 

```
1 UPDATE MATERIALS  
2 SET MATER_QUANT = '50'  
3 WHERE MATER_NAME = 'IMPLANTS';  
4
```

3.)

SQL 1 

```
1 UPDATE MATERIALS  
2 SET MATER_QUANT = '10'  
3 WHERE MATER_NAME = 'PLATES';  
4
```

	MATER_ID	MATER_NAME	MATER_QUANT	MATER_PRICE
	Filter	Filter	Filter	Filter
1	50	BONE CEMENT	30	4499
2	51	IMPLANTS	50	4500
3	52	PLATES	10	3500

DELETE

TABLE 'MATERIALS'

1.)

```
SQL 1 ✕
1 DELETE FROM MATERIALS WHERE MATER_NAME = 'PLATES';
2
```

2.)

```
SQL 1 ✕
1 DELETE FROM MATERIALS WHERE MATER_NAME = 'IMPLANTS';
2
```

3.)

```
SQL 1 ✕
1 DELETE FROM MATERIALS WHERE MATER_NAME = 'BONE CEMENTS';
2
```


SELECT

MATER_ID	MATER_NAME	MATER_QUANT	MATER_PRICE
Filter	Filter	Filter	Filter


INSERT

TABLE 'PURCHASE\_ORDER'

1.)

SQL 1 				
1	INSERT INTO PURCHASE_ORDER(PURCHASE_ID, PURCHASE_ORDERDATE,			
2	PURCHASE_DATECOMPLETE, PURCHASE_PRICE)			
3	VALUES ('023', 'SEP 5 2019', 'SEP 12 2019', '18000');			
1	023	SEP 5 2019	SEP 12 2019	18000

2.)

SQL 1 

1

2

3

4

[-]

INSERT INTO PURCHASE\_ORDER(PURCHASE\_ID, PURCHASE\_ORDERDATE,  
PURCHASE\_DATECOMPLETE, PURCHASE\_PRICE)  
VALUES ('024', 'AUG 5 2019', 'AUG 30 2019', '29000');  
SELECT \* FROM PURCHASE\_ORDER

<

||||

>


	PURCHASE_ID	PURCHASE_ORDERDATE	PURCHASE_DATECOMPLETE	PURCHA
1	023	SEP 5 2019	SEP 12 2019	18000
2	024	AUG 5 2019	AUG 30 2019	29000

<

||||

>

3.)

SQL 1 

```
1 INSERT INTO PURCHASE_ORDER(PURCHASE_ID, PURCHASE_ORDERDATE,  
2 PURCHASE_DATECOMPLETE, PURCHASE_PRICE)  
3 VALUES ('025', 'AUG 8 2019', 'SEP 5 2019', '10000');  
4 SELECT * FROM PURCHASE_ORDER
```

	PURCHASE_ID	PURCHASE_ORDERDATE	PURCHASE_DATECOMPLETE	PURCHA
1	023	SEP 5 2019	SEP 12 2019	18000
2	024	AUG 5 2019	AUG 30 2019	29000
3	025	AUG 8 2019	SEP 5 2019	10000

4.)



SQL 1

1

2

3

4

```
INSERT INTO PURCHASE_ORDER(PURCHASE_ID, PURCHASE_ORDERDATE,  
PURCHASE_DATECOMPLETE, PURCHASE_PRICE)  
VALUES ('026', 'JUNE 8 2019', 'JULY 5 2019', '15000');  
SELECT * FROM PURCHASE_ORDER
```

<

|||

>


	PURCHASE_ID	PURCHASE_ORDERDATE	PURCHASE_DATECOMPLETE	PURCHA
1	023	SEP 5 2019	SEP 12 2019	18000
2	024	AUG 5 2019	AUG 30 2019	29000
3	025	AUG 8 2019	SEP 5 2019	10000
4	026	JUNE 8 2019	JULY 5 2019	15000

<

|||

>

5.)

SQL 1 

```

1  INSERT INTO PURCHASE_ORDER(PURCHASE_ID, PURCHASE_ORDERDATE,
2  PURCHASE_DATECOMPLETE, PURCHASE_PRICE)
3  VALUES ('027', 'JAN 12 2019', 'FEB 14 2019', '8000');
4  INSERT INTO PURCHASE_ORDER(PURCHASE_ID, PURCHASE_ORDERDATE,
5  PURCHASE_DATECOMPLETE, PURCHASE_PRICE)
6  VALUES ('028', 'DEC 1 2019', 'DEC 14 2019', '9000');
7  INSERT INTO PURCHASE_ORDER(PURCHASE_ID, PURCHASE_ORDERDATE,
8  PURCHASE_DATECOMPLETE, PURCHASE_PRICE)
9  VALUES ('029', 'NOV 12 2018', 'NOV 30 2018', '17700');
10 SELECT * FROM PURCHASE_ORDER;
11

```

	PURCHASE_ID	PURCHASE_ORDERDATE	PURCHASE_DATECOMPLETE	PURCH
1	024	AUG 5 2019	AUG 30 2019	50000
2	025	AUG 8 2019	SEP 5 2019	10000
3	026	JUNE 8 2019	JULY 5 2019	15000
4	023	SEP 5 2019	SEP 18 2019	21000
5	027	JAN 12 2019	FEB 14 2019	8000
6	028	DEC 1 2019	DEC 14 2019	9000


SELECT

1	023	SEP 5 2019	SEP 18 2019	21000
2	026	JUNE 8 2019	JULY 5 2019	15000
3	027	JAN 12 2019	FEB 14 2019	8000
4	028	DEC 1 2019	DEC 14 2019	9000
5	025	AUG 8 2019	SEP 5 2019	10000
6	024	AUG 5 2019	AUG 30 2019	50000

UPDATE

TABLE 'PURCHASE\_ORDER'


1.)

SQL 1 

```
1 UPDATE PURCHASE_ORDER
2 SET PURCHASE_PRICE = '21000'
3 WHERE PURCHASE_PRICE = '18000';
4 SELECT * FROM PURCHASE_ORDER;
```

	PURCHASE_ID	PURCHASE_ORDERDATE	PURCHASE_DATECOMPLETE	PURCHASE_PRICE
1	023	SEP 5 2019	SEP 12 2019	21000
2	024	AUG 5 2019	AUG 30 2019	29000
3	025	AUG 8 2019	SEP 5 2019	10000
4	026	JUNE 8 2019	JULY 5 2019	15000
5	027	JAN 12 2019	FEB 5 2019	5000


2.)

SQL 1 

```
1 UPDATE PURCHASE_ORDER
2 SET PURCHASE_PRICE = '50000'
3 WHERE PURCHASE_PRICE = '29000';
4 SELECT * FROM PURCHASE_ORDER;
```

	PURCHASE_ID	PURCHASE_ORDERDATE	PURCHASE_DATECOMPLETE	PURCHA
1	023	SEP 5 2019	SEP 12 2019	21000
2	024	AUG 5 2019	AUG 30 2019	50000
3	025	AUG 8 2019	SEP 5 2019	10000
4	026	JUNE 8 2019	JULY 5 2019	15000
5	027	JAN 12 2019	FEB 5 2019	5000


3.)

SQL 1 

```
1 UPDATE PURCHASE_ORDER
2 SET PURCHASE_PRICE = '8000'
3 WHERE PURCHASE_PRICE = '5000';
4 SELECT * FROM PURCHASE_ORDER;
```

	PURCHASE_ID	PURCHASE_ORDERDATE	PURCHASE_DATECOMPLETE	PURCHA
1	023	SEP 5 2019	SEP 12 2019	21000
2	024	AUG 5 2019	AUG 30 2019	50000
3	025	AUG 8 2019	SEP 5 2019	10000
4	026	JUNE 8 2019	JULY 5 2019	15000
5	027	JAN 12 2019	FEB 5 2019	8000

4.)

SQL 1 

```
1 UPDATE PURCHASE_ORDER
2 SET PURCHASE_DATECOMPLETE = 'SEP 18 2019'
3 WHERE PURCHASE_DATECOMPLETE = 'SEP 12 2019';
4 SELECT * FROM PURCHASE_ORDER;
```

	PURCHASE_ID	PURCHASE_ORDERDATE	PURCHASE_DATECOMPLETE	PURCHA
1	023	SEP 5 2019	SEP 18 2019	21000
2	024	AUG 5 2019	AUG 30 2019	50000
3	025	AUG 8 2019	SEP 5 2019	10000
4	026	JUNE 8 2019	JULY 5 2019	15000
5	027	JAN 12 2019	FEB 5 2019	8000

5.)

SQL 1

```
1 UPDATE PURCHASE_ORDER
2 SET PURCHASE_DATECOMPLETE = 'FEB 14 2019'
3 WHERE PURCHASE_DATECOMPLETE = 'FEB 5 2019';
4 SELECT * FROM PURCHASE_ORDER;
```

	PURCHASE_ID	PURCHASE_ORDERDATE	PURCHASE_DATECOMPLETE	PURCHA
1	023	SEP 5 2019	SEP 18 2019	21000
2	024	AUG 5 2019	AUG 30 2019	50000
3	025	AUG 8 2019	SEP 5 2019	10000
4	026	JUNE 8 2019	JULY 5 2019	15000
5	027	JAN 12 2019	FEB 14 2019	8000


SELECT

	PURCHASE_ID	PURCHASE_ORDERDATE	PURCHASE_DATECOMPLETE	PURCHA
1	023	SEP 5 2019	SEP 18 2019	21000
2	024	AUG 5 2019	AUG 30 2019	50000
3	025	AUG 8 2019	SEP 5 2019	10000
4	026	JUNE 8 2019	JULY 5 2019	15000
5	027	JAN 12 2019	FEB 14 2019	8000

DELETE

TABLE 'PURCHASE\_ORDER'

1.)

SQL 1 

```
1 DELETE FROM PURCHASE_ORDER WHERE PURCHASE_ID = '029';
2 SELECT * FROM PURCHASE_ORDER;
3
```

	PURCHASE_ID	PURCHASE_ORDERDATE	PURCHASE_DATECOMPLETE	PURC
1	024	AUG 5 2019	AUG 30 2019	50000
2	025	AUG 8 2019	SEP 5 2019	10000
3	026	JUNE 8 2019	JULY 5 2019	15000
4	023	SEP 5 2019	SEP 18 2019	21000
5	027	JAN 12 2019	FEB 14 2019	8000
6	028	DEC 1 2019	DEC 14 2018	9000

2.)

SQL 1 ✕

```

1 DELETE FROM PURCHASE_ORDER WHERE PURCHASE_ID = '028';
2 SELECT * FROM PURCHASE_ORDER;
3
4
5

```

	PURCHASE_ID	PURCHASE_ORDERDATE	PURCHASE_DATECOMPLETE	PURCHAS
1	024	AUG 5 2019	AUG 30 2019	50000
2	025	AUG 8 2019	SEP 5 2019	10000
3	026	JUNE 8 2019	JULY 5 2019	15000
4	023	SEP 5 2019	SEP 18 2019	21000
5	027	JAN 12 2019	FEB 14 2019	8000

3.)

SQL 1 ✕

```


1 DELETE FROM PURCHASE_ORDER WHERE PURCHASE_ID = '027';
2 SELECT * FROM PURCHASE_ORDER;
3
4
5

```

	PURCHASE_ID	PURCHASE_ORDERDATE	PURCHASE_DATECOMPLETE	PURCHAS
1	024	AUG 5 2019	AUG 30 2019	50000
2	025	AUG 8 2019	SEP 5 2019	10000
3	026	JUNE 8 2019	JULY 5 2019	15000
4	023	SEP 5 2019	SEP 18 2019	21000

4.)



SQL 1 

```
1 DELETE FROM PURCHASE_ORDER WHERE PURCHASE_ID = '026';  
2 SELECT * FROM PURCHASE_ORDER;  
3  
4  
5
```

	PURCHASE_ID	PURCHASE_ORDERDATE	PURCHASE_DATECOMPLETE	PURCHAS
1	024	AUG 5 2019	AUG 30 2019	50000
2	025	AUG 8 2019	SEP 5 2019	10000
3	023	SEP 5 2019	SEP 18 2019	21000

5.)

SQL 1 ✖

```

1 DELETE FROM PURCHASE_ORDER WHERE PURCHASE_ID = '025';
2 SELECT * FROM PURCHASE_ORDER;
3
4
5

```

	PURCHASE_ID	PURCHASE_ORDERDATE	PURCHASE_DATECOMPLETE	PURCHAS
1	024	AUG 5 2019	AUG 30 2019	50000
2	023	SEP 5 2019	SEP 18 2019	21000

SELECT

1	023	SEP 5 2019	SEP 18 2019	21000
2	024	AUG 5 2019	AUG 30 2019	50000

INSERT

TABLE 'SALES\_INVOICE'

1.)

```

1  INSERT INTO SALES_INVOICE (INVOICE_NUM, INVOICE_DATE,
2  PATIENT_ID, BONECEMENTS_QUANT, BONECEM_COST, IMPLANTS_QUANT,
3  IMPLANTS_COST, PLATES_QUANT, PLATES_COST, OVERALL_COST)
4
5  VALUES ('010', 'JAN 2 2019', '010', '1', '4499', '2',
6  '7000', '3', '13000', '24499');
7
8  INSERT INTO SALES_INVOICE (INVOICE_NUM, INVOICE_DATE,
9  PATIENT_ID, PLATES_QUANT, PLATES_COST, OVERALL_COST)
10
11  VALUES ('011', 'JAN 8 2019', '011', '2', '4500', '9000');
12
13  INSERT INTO SALES_INVOICE (INVOICE_NUM, INVOICE_DATE,
14  PATIENT_ID, BONECEMENTS_QUANT, BONECEM_COST, PLATES_QUANT,

```

```

INSERT INTO SALES_INVOICE (INVOICE_NUM, INVOICE_DATE,
PATIENT_ID, PLATES_QUANT, PLATES_COST, OVERALL_COST)

VALUES ('011', 'JAN 8 2019', '011', '2', '4500', '9000');

```

```

INSERT INTO SALES_INVOICE (INVOICE_NUM, INVOICE_DATE,
PATIENT_ID, BONECEMENTS_QUANT, BONECEM_COST, PLATES_QUANT,
PLATES_COST, OVERALL_COST)

```

```

VALUES ('012', 'JAN 19 2019', '012', '2', '4499', '5',
'4500', '31498');

```

	INVOICE_NUM	INVOICE_DATE	PATIENT_ID	IECEMENTS_QU	BONECEM_COST	MPL
	Filter	Filter	Filter	Filter	Filter	Filt
1	12	JAN 19 2019	12	2	4499	NU
2	11	JAN 8 2019	11	NULL	NULL	NU
3	10	JAN 2 2019	10	1	4499	2

	OST	MPLANTS_QUAN	MPLANTS_COST	PLATES_QUANT	PLATES_COST	OVERALL_COST
		Filter	Filter	Filter	Filter	Filter
1		NULL	NULL	5	4500	31498
2		NULL	NULL	2	4500	9000
3		2	7000	3	13000	24499

2.)

```
1  INSERT INTO SALES_INVOICE (INVOICE_NUM, INVOICE_DATE,  
2  PATIENT_ID, BONECEMENTS_QUANT, BONECEM_COST, IMPLANTS_QUANT,  
3  IMPLANTS_COST, PLATES_QUANT, PLATES_COST, OVERALL_COST)  
4  
5  VALUES ('013', 'FEB 13 2019', '013', '2', '4499', '4',  
6  '7000', '5', '4500', '59498');  
7  
8  INSERT INTO SALES_INVOICE (INVOICE_NUM, INVOICE_DATE,  
9  PATIENT_ID, PLATES_QUANT, PLATES_COST, OVERALL_COST)  
10  
11  VALUES ('014', 'MAR 1 2019', '013', '3', '4500', '13500');  
12
```


3.)

```
SQL 1 ✖  
1  INSERT INTO SALES_INVOICE (INVOICE_NUM, INVOICE_DATE,  
2  PATIENT_ID, PLATES_QUANT, PLATES_COST, OVERALL_COST)  
3  
4  VALUES ('015', 'MAR 1 2019', '015', '5', '4500', '22500');  
5  
6
```

4.)

```
SQL 1 ✖  
1  INSERT INTO SALES_INVOICE (INVOICE_NUM, INVOICE_DATE,  
2  PATIENT_ID, PLATES_QUANT, PLATES_COST, OVERALL_COST)  
3  
4  VALUES ('016', 'MAR 1 2019', '016', '1', '4500', '4500');  
5
```

5.)

SQL 1 

```
1 INSERT INTO SALES_INVOICE (INVOICE_NUM, INVOICE_DATE,
2 PATIENT_ID, PLATES_QUANT, PLATES_COST, OVERALL_COST)
3
4 VALUES ('017', 'MAR 1 2019', '017', '10', '4500', '45000');
5
```

SELECT


	INVOICE_NUM	INVOICE_DATE	PATIENT_ID	IECEMENTS_QU	BONECEM_COST	MI
	Filter	Filter	Filter	Filter	Filter	Fi
1	17	MAR 1 2019	17	NULL	NULL	N
2	16	MAR 1 2019	16	NULL	NULL	N
3	15	MAR 1 2019	15	NULL	NULL	N
4	13	FEB 13 2019	13	2	4499	4
5	14	MAR 1 2019	13	NULL	NULL	N
6	12	JAN 19 2019	12	2	4499	N
7	11	JAN 8 2019	11	1	4499	N
8	10	JAN 2 2019	10	1	4499	2

	OST	MPLANTS_QUAN	MPLANTS_COST	PLATES_QUANT	PLATES_COST	OVERALL_COST
	Filter	Filter	Filter	Filter	Filter	Filter
1	NULL	NULL	10	4500	45000	
2	NULL	NULL	1	4500	4500	
3	NULL	NULL	5	4500	22500	
4	4	7000	5	4500	59498	
5	NULL	NULL	3	4500	13500	
6	NULL	NULL	5	4500	31498	
7	NULL	NULL	2	4500	4499	
8	2	7000	3	13000	24499	

UPDATE


TABLE 'SALES\_INVOICE'

1.)

SQL 1 


```
1 UPDATE SALES_INVOICE
2 SET BONECEMENTS_QUANT = '1', OVERALL_COST='4499'
3 WHERE PATIENT_ID='11';
4
```

2.)

SQL 1 

```
1 UPDATE SALES_INVOICE
2 SET BONECEMENTS_QUANT = '1', BONECEM_COST='4499',
3 OVERALL_COST='4499'
4 WHERE INVOICE_NUM='14';
5
```


3.)

SQL 1 

```
1 UPDATE SALES_INVOICE
2 SET BONECEMENTS_QUANT = '1', BONECEM_COST='4499',
3 OVERALL_COST='4499'
4 WHERE INVOICE_NUM='15';
5
```


4.)



SQL 1 

```
1 UPDATE SALES_INVOICE
2 SET BONECEMENTS_QUANT = '1', BONECEM_COST='4499',
3 OVERALL_COST='4499'
4 WHERE INVOICE_NUM='16';
5
```

5.)

SQL 1 

```

1 UPDATE SALES_INVOICE
2 SET BONECEMENTS_QUANT = '1', BONECEM_COST='4499',
3 OVERALL_COST='4499'
4 WHERE INVOICE_NUM='17';
5

```

SELECT


	INVOICE_NUM	INVOICE_DATE	PATIENT_ID	IECEMENTS_QU	BONECEM_COST	MPI
	Filter	Filter	Filter	Filter	Filter	Filt
1	17	MAR 1 2019	17	1	4499	<i>NU</i>
2	16	MAR 1 2019	16	1	4499	<i>NU</i>
3	15	MAR 1 2019	15	1	4499	<i>NU</i>
4	13	FEB 13 2019	13	2	4499	4
5	14	MAR 1 2019	13	1	4499	<i>NU</i>
6	12	JAN 19 2019	12	2	4499	<i>NU</i>
7	11	JAN 8 2019	11	1	4499	<i>NU</i>
8	10	JAN 2 2019	10	1	4499	2

	OST	MPLANTS_QUAN	MPLANTS_COST	PLATES_QUANT	PLATES_COST	OVERALL_COST
		Filter	Filter	Filter	Filter	Filter
1		<i>NULL</i>	<i>NULL</i>	10	4500	4499
2		<i>NULL</i>	<i>NULL</i>	1	4500	4499
3		<i>NULL</i>	<i>NULL</i>	5	4500	4499
4		4	7000	5	4500	59498
5		<i>NULL</i>	<i>NULL</i>	3	4500	4499
6		<i>NULL</i>	<i>NULL</i>	5	4500	31498
7		<i>NULL</i>	<i>NULL</i>	2	4500	4499
8		2	7000	3	13000	24499


DELETE

## TABLE 'SALES\_INVOICE'


1.)

```
SQL 1 
1 DELETE FROM SALES_INVOICE WHERE PATIENT_ID = '010';
```


2.)

```
SQL 1 
1 DELETE FROM SALES_INVOICE WHERE PATIENT_ID = '011';
```


3.)

```
SQL 1 
1 DELETE FROM SALES_INVOICE WHERE PATIENT_ID = '012';
```

4.)

```
SQL 1 
1 DELETE FROM SALES_INVOICE WHERE PATIENT_ID = '013';
```

5.)

```
SQL 1 
1 DELETE FROM SALES_INVOICE WHERE PATIENT_ID = '015';
```

## SELECT

	INVOICE_NUM	INVOICE_DATE	PATIENT_ID	IECEMENTS_QU	BONECEM_COST	MPL
	Filter	Filter	Filter	Filter	Filter	Filter
1	17	MAR 1 2019	17	1	4499	NU
2	16	MAR 1 2019	16	1	4499	NU



	IMPLANTS_QUAN	IMPLANTS_COST	PLATES_QUANT	PLATES_COST	OVERALL_COST
	Filter	Filter	Filter	Filter	Filter
1	NULL	NULL	10	4500	4499
2	NULL	NULL	1	4500	4499

INSERT

TABLE 'PATIENT'

1.)

```

SQL 1 ✕
1  INSERT INTO PATIENT (PATIENT_ID, PAT_LNAME, PAT_FNAME, PAT_AGE
2    , PAT_SEX, PAT_ADD)
3  VALUES ('010', 'ANGELO', 'MARTINEZ', '18', 'M', '21 HUMABON PLACE
4    SAMPALOC, MANILA');
5  INSERT INTO PATIENT (PATIENT_ID, PAT_LNAME, PAT_FNAME, PAT_AGE
6    , PAT_SEX, PAT_ADD)
7  VALUES ('011', 'MARQUEZ', 'JANE', '19', 'F', 'ST. JOHN VILLAGE
8    SAN FERNANDO, PAMPANGA');
9  INSERT INTO PATIENT (PATIENT_ID, PAT_LNAME, PAT_FNAME, PAT_AGE
10   , PAT_SEX, PAT_ADD)
11  VALUES ('012', 'KYLIX', 'OCAMPO', '25', 'M', 'DONATO ST.
12  ANGELES, PAMPANGA');

```

2.)

```

SQL 1 ✕
1  INSERT INTO PATIENT (PATIENT_ID, PAT_LNAME, PAT_FNAME, PAT_AGE
2    , PAT_SEX, PAT_ADD)
3  VALUES ('013', 'SAMSON', 'VICTOR', '18', 'M', '21 HUMABON PLACE
4    SAMPALOC, MANILA');
5  INSERT INTO PATIENT (PATIENT_ID, PAT_LNAME, PAT_FNAME, PAT_AGE
6    , PAT_SEX, PAT_ADD)
7  VALUES ('014', 'ALBERTO', 'KEITH', '19', 'M', 'ST. JOHN VILLAGE
8    SAN FERNANDO, PAMPANGA');
9
10

```

3.)

SQL 1

```

1  INSERT INTO PATIENT (PATIENT_ID, PAT_LNAME, PAT_FNAME, PAT_AGE
2  , PAT_SEX, PAT_ADD)
3  VALUES ('015', 'LEAH', 'SALONGA', '32', 'F', 'KIZUKI ST.
4  SAN FERNANDO, PAMPANGA');
5
6

```

4.)

SQL 1

```

1  INSERT INTO PATIENT (PATIENT_ID, PAT_LNAME, PAT_FNAME, PAT_AGE
2  , PAT_SEX, PAT_ADD)
3  VALUES ('016', 'VALENCIA', 'LING', '24', 'F', 'NANA ST.
4  ANGELES, PAMPANGA');
5
6

```

5.)

SQL 1

```

1  INSERT INTO PATIENT (PATIENT_ID, PAT_LNAME, PAT_FNAME, PAT_AGE
2  , PAT_SEX, PAT_ADD)
3  VALUES ('017', 'RAMOS', 'ANGEL', '20', 'F', 'IMBA ST.
4  ANGELES, PAMPANGA');
5
6

```

SELECT

	PATIENT_ID	PAT_LNAME	PAT_FNAME	PAT_AGE	PAT_SEX
	Filter	Filter	Filter	Filter	Filter
1	10	ANGELO	MARTINEZ	18	M
2	11	MARQUEZ	JANE	19	F
3	12	KYLIX	OCAMPO	25	M
4	13	SAMSON	VICTOR	18	M
5	14	ALBERTO	KEITH	19	M
6	15	LEAH	SALONGA	32	F
7	16	VALENCIA	LING	24	F
8	17	RAMOS	ANGEL	20	F

PAT_LNAME	PAT_FNAME	PAT_AGE	PAT_SEX	PAT_ADD
Filter	Filter	Filter	Filter	Filter
ANGELO	MARTINEZ	18	M	21 HUMABON ...
MARQUEZ	JANE	19	F	ST. JOHN VIL...
KYLIX	OCAMPO	25	M	DONATO ST....
SAMSON	VICTOR	18	M	21 HUMABON ...
ALBERTO	KEITH	19	M	ST. JOHN VIL...
LEAH	SALONGA	32	F	KIZUKI ST. SAN
VALENCIA	LING	24	F	NANA ST. AN...
RAMOS	ANGEL	20	F	IMBA ST. ANG..

UPDATE

TABLE 'PATIENT'

1.)

```

SQL 1 ✕
1  UPDATE PATIENT
2  SET PAT_AGE = '20'
3  WHERE PATIENT_ID = '010';
4

```

2.)

```

SQL 1 ✕
1  UPDATE PATIENT
2  SET PAT_AGE = '21'
3  WHERE PATIENT_ID = '011';
4

```


3.)

```

SQL 1 ✕
1  UPDATE PATIENT
2  SET PAT_AGE = '30'
3  WHERE PATIENT_ID = '012';
4


```

4.)

SQL 1 

```
1 UPDATE PATIENT
2 SET PAT_AGE = '40'
3 WHERE PATIENT_ID = '013';
4
```

5.)

SQL 1 

```
1 UPDATE PATIENT
2 SET PAT_AGE = '34'
3 WHERE PATIENT_ID = '014';
4
```

SELECT

	PATIENT_ID	PAT_LNAME	PAT_FNAME	PAT_AGE	PAT_SEX	
	Filter	Filter	Filter	Filter	Filter	Filter
1	10	ANGELO	MARTINEZ	20	M	21
2	11	MARQUEZ	JANE	21	F	ST
3	12	KYLIX	OCAMPO	30	M	DO
4	13	SAMSON	VICTOR	40	M	21
5	14	ALBERTO	KEITH	34	M	ST
6	15	LEAH	SALONGA	32	F	KIZ
7	16	VALENCIA	LING	24	F	NA
8	17	RAMOS	ANGEL	20	F	IME

PAT_FNAME	PAT_AGE	PAT_SEX	PAT_ADD
Filter	Filter	Filter	Filter
MARTINEZ	20	M	21 HUMABON ...
JANE	21	F	ST. JOHN VIL...
OCAMPO	30	M	DONATO ST....
VICTOR	40	M	21 HUMABON ...
KEITH	34	M	ST. JOHN VIL...
SALONGA	32	F	KIZUKI ST. SAN
LING	24	F	NANA ST. AN...
ANGEL	20	F	IMBA ST. ANG...

DELETE

TABLE 'PATIENT'

1.)

```
SQL 1 ✕
1 DELETE FROM PATIENT WHERE PATIENT_ID = '010';
```

2.)

```
SQL 1 ✕
1 DELETE FROM PATIENT WHERE PATIENT_ID = '011';
```

3.)

```
SQL 1 ✕
1 DELETE FROM PATIENT WHERE PATIENT_ID = '012';
```

4.)

```
SQL 1 ✕
1 DELETE FROM PATIENT WHERE PATIENT_ID = '013';
```

5.)

```

SQL 1 ✕
1 DELETE FROM PATIENT WHERE PATIENT_ID = '014';

```

SELECT

	PATIENT_ID	PAT_LNAME	PAT_FNAME	PAT_AGE	PAT_SEX	
	Filter	Filter	Filter	Filter	Filter	Filter
1	15	LEAH	SALONGA	32	F	KIZUKI ST. SAN...
2	16	VALENCIA	LING	24	F	NANA ST. AN...
3	17	RAMOS	ANGEL	20	F	IMBA ST. ANG...

PAT_FNAME	PAT_AGE	PAT_SEX	PAT_ADD
Filter	Filter	Filter	Filter
SALONGA	32	F	KIZUKI ST. SAN...
LING	24	F	NANA ST. AN...
ANGEL	20	F	IMBA ST. ANG...

INSERT

TABLE 'OFFICE\_STAFF'


1.)

```


SQL 1 ✕
1 INSERT INTO OFFICE_STAFF (OFFICESTA_ID, OFFICESTA_LNAME,
2 OFFICESTA_FNAME, OFFICESTA_AGE, OFFICESTA_ADDR)
3 VALUES ('100', 'ABENALES', 'ANGELINE', '21', 'AMAPOLA ST.
4 SAN FERNANDO, PAMPANGA');
5 INSERT INTO OFFICE_STAFF (OFFICESTA_ID, OFFICESTA_LNAME,
6 OFFICESTA_FNAME, OFFICESTA_AGE, OFFICESTA_ADDR)
7 VALUES ('101', 'ABUACAN', 'RJAM', '23', 'NORTHWOODS VILLAGE
8 ANGELES, PAMPANGA');
9 INSERT INTO OFFICE_STAFF (OFFICESTA_ID, OFFICESTA_LNAME,
10 OFFICESTA_FNAME, OFFICESTA_AGE, OFFICESTA_ADDR)
11 VALUES ('102', 'ANTONIO', 'AJ', '20', 'CATTLEYA ST.
12 SAN FERNANDO, PAMPANGA');

```


2.)

```
SQL 1 
1  INSERT INTO OFFICE_STAFF (OFFICESTA_ID, OFFICESTA_LNAME,
2  OFFICESTA_FNAME, OFFICESTA_AGE, OFFICESTA_ADDR)
3  VALUES ('103', 'AQUINO', 'ALEXIS', '25', 'DE FLORES ST.
4  SAN FERNANDO, PAMPANGA');
5  INSERT INTO OFFICE_STAFF (OFFICESTA_ID, OFFICESTA_LNAME,
6  OFFICESTA_FNAME, OFFICESTA_AGE, OFFICESTA_ADDR)
7  VALUES ('104', 'ASIA', 'ACE', '25', 'PILLAR VILLAGE ST.
8  ANGELES, PAMPANGA');
```


3.)

```
SQL 1 
1  INSERT INTO OFFICE_STAFF (OFFICESTA_ID, OFFICESTA_LNAME,
2  OFFICESTA_FNAME, OFFICESTA_AGE, OFFICESTA_ADDR)
3  VALUES ('105', 'BANAWA', 'ROVVYC', '25', 'DE FLORES ST.
4  SAN FERNANDO, PAMPANGA');
```

4.)

```
SQL 1 
1  INSERT INTO OFFICE_STAFF (OFFICESTA_ID, OFFICESTA_LNAME,
2  OFFICESTA_FNAME, OFFICESTA_AGE, OFFICESTA_ADDR)
3  VALUES ('106', 'BANCE', 'RANDREB', '28', 'SAMPAGUITA ST.
4  SAN FERNANDO, PAMPANGA');
```

5.)

```
SQL 1 
1  INSERT INTO OFFICE_STAFF (OFFICESTA_ID, OFFICESTA_LNAME,
2  OFFICESTA_FNAME, OFFICESTA_AGE, OFFICESTA_ADDR)
3  VALUES ('107', 'BANGLAGAN', 'KEVIN', '22', 'ANGELO ST.
4  SAN FERNANDO, PAMPANGA');
```


SELECT

	OFFICESTA_ID	FFICESTA_LNAM	FFICESTA_FNAM	OFFICESTA_AGE	FFICESTA_ADDI
	Filter	Filter	Filter	Filter	Filter
1	100	ABENALES	ANGELINE	21	AMAPOLA ST....
2	101	ABUACAN	RJAM	23	NORTHWOOD...
3	102	ANTONIO	AJ	20	CATTLEYA ST...
4	103	AQUINO	ALEXIS	25	DE FLORES S...
5	104	ASIA	ACE	25	PILLAR VILLA...
6	105	BANAWA	ROVVC	25	DE FLORES S...
7	106	BANCE	RANDREB	28	SAMPAGUITA ...
8	107	BANGLAGAN	KEVIN	22	ANGELO ST.S...

UPDATE

TABLE 'OFFICE\_STAFF'

1.)


SQL 1 

```

1  UPDATE OFFICE_STAFF
2  SET OFFICESTA_LNAME='BAUTISTA', OFFICESTA_FNAME='ALLIAH'
3  WHERE OFFICESTA_ID='100';
4

```

2.)


SQL 1 

```

1  UPDATE OFFICE_STAFF
2  SET OFFICESTA_LNAME='BELLANIO', OFFICESTA_FNAME='HAZZEL'
3  WHERE OFFICESTA_ID='101';
4
5

```

3.)

SQL 1 


```

1  UPDATE OFFICE_STAFF
2  SET OFFICESTA_LNAME='CRUZ', OFFICESTA_FNAME='JB'
3  WHERE OFFICESTA_ID='102';
4

```


4.)



SQL 1 

```
1 UPDATE OFFICE_STAFF
2 SET OFFICESTA_LNAME='DINGLASAN', OFFICESTA_FNAME='CHRISTIAN'
3 WHERE OFFICESTA_ID='103';
4
5
```

5.)

SQL 1 

```
1 UPDATE OFFICE_STAFF
2 SET OFFICESTA_LNAME='ISMAEL', OFFICESTA_FNAME='EBRADA'
3 WHERE OFFICESTA_ID='104';
4
```


SELECT

	OFFICESTA_ID	FFICESTA_LNAM	FFICESTA_FNAM	OFFICESTA_AGE	FFICESTA_ADD
	Filter	Filter	Filter	Filter	Filter
1	100	BAUTISTA	ALLIAH	21	AMAPOLA ST....
2	101	BELLANIO	HAZZEL	23	NORTHWOOD...
3	102	CRUZ	JB	20	CATTLEYA ST...
4	103	DINGLASAN	CHRISTIAN	25	DE FLORES S...
5	104	ISMAEL	EBRADA	25	PILLAR VILLA...
6	105	BANAWA	ROVVC	25	DE FLORES S...
7	106	BANCE	RANDREB	28	SAMPAGUITA ...
8	107	BANGLAGAN	KEVIN	22	ANGELO ST.S...

DELETE


TABLE 'OFFICE\_STAFF'

1.)

SQL 1 


```
1 DELETE FROM OFFICE_STAFF WHERE OFFICESTA_ID = '100';
```

2.)

SQL 1 


```
1 DELETE FROM OFFICE_STAFF WHERE OFFICESTA_ID = '101';
```

3.)

SQL 1 


```
1 DELETE FROM OFFICE_STAFF WHERE OFFICESTA_ID = '102';
```

4.)

SQL 1 

```
1 DELETE FROM OFFICE_STAFF WHERE OFFICESTA_ID = '103';
```

5.)

SQL 1 

```
1 DELETE FROM OFFICE_STAFF WHERE OFFICESTA_ID = '104';
```


SELECT

	OFFICESTA_ID	FFICESTA_LNAM	FFICESTA_FNAM	OFFICESTA_AGE	OFFICESTA_ADDI
	Filter	Filter	Filter	Filter	Filter
1	105	BANAWA	ROVVCY	25	DE FLORES S...
2	106	BANCE	RANDREB	28	SAMPAGUITA ...
3	107	BANGLAGAN	KEVIN	22	ANGELO ST.S...

INSERT

TABLE 'DRIVER\_STAFF'


1.)

SQL 1 

```
1 INSERT INTO DRIVER_STAFF (DRIVERSTA_ID, DRIVERSTA_LNAME,  
2 DRIVERSTA_FNAME, DRIVERSTA_AGE, DRIVERSTA_SEX, DRIVERSTA_ADD,  
3 DRIVERSTA_LICEN)  
4 VALUES('200', 'ANTONIO', 'FLORES', '30', 'M', 'MAIMPIS ST.  
5 ANGELES, PAMPANGA', 'YES');  
6 INSERT INTO DRIVER_STAFF (DRIVERSTA_ID, DRIVERSTA_LNAME,  
7 DRIVERSTA_FNAME, DRIVERSTA_AGE, DRIVERSTA_SEX, DRIVERSTA_ADD,  
8 DRIVERSTA_LICEN)  
9 VALUES('201', 'GARDON', 'AARON', '32', 'M', 'CATTLEA ST.  
10 SAN FERNANDO, PAMPANGA', 'YES');  
11 INSERT INTO DRIVER_STAFF (DRIVERSTA_ID, DRIVERSTA_LNAME,  
12 DRIVERSTA_FNAME, DRIVERSTA_AGE, DRIVERSTA_SEX, DRIVERSTA_ADD,  
13 DRIVERSTA_LICEN)  
14 VALUES('202', 'GENETE', 'RAY', '39', 'M', 'DE LORA ST.
```


```
]VALUES('202', 'GENETE', 'RAY', '39', 'M', 'DE LORA ST.  
-ANGELES, PAMPANGA', 'YES');
```

2.)

SQL 1 


```
1  INSERT INTO DRIVER_STAFF (DRIVERSTA_ID, DRIVERSTA_LNAME,  
2  DRIVERSTA_FNAME, DRIVERSTA_AGE, DRIVERSTA_SEX, DRIVERSTA_ADD,  
3  DRIVERSTA_LICEN)  
4  VALUES('202', 'JAVIER', 'JUDE', '30', 'M', 'NORTHWOODS VILLAGE  
5  SAN FERNANDO, PAMPANGA', 'YES');  
6  INSERT INTO DRIVER_STAFF (DRIVERSTA_ID, DRIVERSTA_LNAME,  
7  DRIVERSTA_FNAME, DRIVERSTA_AGE, DRIVERSTA_SEX, DRIVERSTA_ADD,  
8  DRIVERSTA_LICEN)  
9  VALUES('203', 'LORENZO', 'MELO', '41', 'M', 'SAMPAGUITA ST.  
10 SAN FERNANDO, PAMPANGA', 'YES');  
11
```

3.)

SQL 1 


```
1  INSERT INTO DRIVER_STAFF (DRIVERSTA_ID, DRIVERSTA_LNAME,  
2  DRIVERSTA_FNAME, DRIVERSTA_AGE, DRIVERSTA_SEX, DRIVERSTA_ADD,  
3  DRIVERSTA_LICEN)  
4  VALUES('205', 'MACATANGAY', 'MARK', '35', 'M', 'MAIMPIS ST.  
5  SAN FERNANDO, PAMPANGA', 'YES');  
6
```

4.)

SQL 1 

```
1  INSERT INTO DRIVER_STAFF (DRIVERSTA_ID, DRIVERSTA_LNAME,  
2  DRIVERSTA_FNAME, DRIVERSTA_AGE, DRIVERSTA_SEX, DRIVERSTA_ADD,  
3  DRIVERSTA_LICEN)  
4  VALUES('205', 'MANZO', 'BRENT', '25', 'M', 'CALINGAW ST.  
5  SAN FERNANDO, PAMPANGA', 'YES');
```

5.)

SQL 1 

```
1  INSERT INTO DRIVER_STAFF (DRIVERSTA_ID, DRIVERSTA_LNAME,  
2  DRIVERSTA_FNAME, DRIVERSTA_AGE, DRIVERSTA_SEX, DRIVERSTA_ADD,  
3  DRIVERSTA_LICEN)  
4  VALUES('206', 'MASONGSONG', 'IVAN', '21', 'M', 'PILLAR ST.  
5  SAN FERNANDO, PAMPANGA', 'YES');  
6
```

SELECT

	DRIVERSTA_ID	RIVERSTA_LNAM	RIVERSTA_FNAME	DRIVERSTA_AGE	DRIVERSTA_SEX	DRIVERSTA_LICENSE
	Filter	Filter	Filter	Filter	Filter	Filter
1	200	ANTONIO	FLORES	30	M	MA
2	201	GARDON	AARON	32	M	CA
3	202	GENETE	RAY	39	M	DE
4	202	JAVIER	JUDE	30	M	NO
5	203	LORENZO	MELO	41	M	SA
6	204	MACATANGAY	MARK	35	M	MA
7	205	MANZO	BRENT	25	M	CA
8	206	MASONGSONG	IVAN	21	M	PIL

DRIVERSTA_AGE	DRIVERSTA_SEX	DRIVERSTA_ADR	RIVERSTA_LICE
Filter	Filter	Filter	Filter
30	M	MAIMPIS ST....	YES
32	M	CATTLEYA ST...	YES
39	M	DE LORA ST....	YES
30	M	NORTHWOOD...	YES
41	M	SAMPAGUITA ...	YES
35	M	MAIMPIS ST....	YES
25	M	CALINGAW S...	YES
21	M	PILLAR ST.SAN	YES


UPDATE

TABLE 'DRIVER\_STAFF'

1.)


```
SQL 1 ✕
1 UPDATE DRIVER_STAFF
2 SET DRIVERSTA_FNAME='RJAM', DRIVERSTA_LNAME='ABUACAN'
3 WHERE DRIVERSTA_ID='200';
```

2.)

SQL 1 


```
1 UPDATE DRIVER_STAFF
2 SET DRIVERSTA_FNAME='AJ', DRIVERSTA_LNAME='ANTONIO'
3 WHERE DRIVERSTA_ID='201';
```

3.)

SQL 1 


```
1 UPDATE DRIVER_STAFF
2 SET DRIVERSTA_FNAME='ACE', DRIVERSTA_LNAME='ASIA'
3 WHERE DRIVERSTA_ID='202' AND DRIVERSTA_LNAME='GENETE';
```

4.)

SQL 1 

```
1 UPDATE DRIVER_STAFF
2 SET DRIVERSTA_FNAME='ROVVYC', DRIVERSTA_LNAME='BANAWA'
3 WHERE DRIVERSTA_ID='203';
```

5.)

SQL 1 

```
1 UPDATE DRIVER_STAFF
2 SET DRIVERSTA_FNAME='RANDREB', DRIVERSTA_LNAME='BANCE'
3 WHERE DRIVERSTA_ID='204';
```


SELECT

	DRIVERSTA_ID	RIVERSTA_LNAM	RIVERSTA_FNAM	DRIVERSTA_AGE	DRIVERSTA_SEX	
	Filter	Filter	Filter	Filter	Filter	F
1	200	ABUACAN	RJAM	30	M	M
2	201	GARDON	AARON	32	M	C
3	202	ASIA	ACE	39	M	D
4	202	JAVIER	JUDE	30	M	M
5	203	BANAWA	ROVVYC	41	M	S
6	204	BANCE	RANDREB	35	M	M
7	205	MANZO	BRENT	25	M	C
8	206	MASONGSONG	IVAN	21	M	P

DELETE


TABLE 'DRIVER\_STAFF'

1.)

SQL 1 


```
1 DELETE FROM DRIVER_STAFF WHERE DRIVERSTA_ID='200';
```

2.)

SQL 1 


```
1 DELETE FROM DRIVER_STAFF WHERE DRIVERSTA_ID='201';
```

3.)

SQL 1 


```
1 DELETE FROM DRIVER_STAFF WHERE DRIVERSTA_ID='202'
2 AND DRIVERSTA_FNAME='JUDE';
```

4.)

SQL 1 

```
1 DELETE FROM DRIVER_STAFF WHERE DRIVERSTA_ID='202';
```

5.)

SQL 1 

```
1 DELETE FROM DRIVER_STAFF WHERE DRIVERSTA_ID='203';
```

SELECT

	DRIVERSTA_ID	RIVERSTA_LNAM	RIVERSTA_FNAM	DRIVERSTA_AGE	DRIVERSTA_SEX	ORI
	Filter	Filter	Filter	Filter	Filter	Filt
1	204	BANCE	RANDREB	35	M	MA
2	205	MANZO	BRENT	25	M	CA
3	206	MASONGSONG	IVAN	21	M	PIL

DRIVERSTA_ADD	RIVERSTA_LICE
Filter	Filter
MAIMPIS ST....	YES
CALINGAW S...	YES
PILLAR ST.SAN	YES

INSERT

TABLE 'ASSISTANT\_STAFF'


1.)

```
SQL 1 ✖
1  INSERT INTO ASSISTANT_STAFF (ASSISTSTA_ID, ASSISTANTSTA_LNAME,
2  ASSISTANTSTA_FNAME, ASSISTANTSTA_LICEN, ASSISTANTSTA_ADD,
3  ASSISTANTSTA_EMAIL)
4  VALUES ('300', 'NAVIDA', 'VINCE', 'DRIVER LICENSE', 'CATTLEYA
5  ST. SAN FERNANDO, PAMPANGA', 'NAVIDALOCO@YAHOO.COM');
6  INSERT INTO ASSISTANT_STAFF (ASSISTSTA_ID, ASSISTANTSTA_LNAME,
7  ASSISTANTSTA_FNAME, ASSISTANTSTA_LICEN, ASSISTANTSTA_ADD,
8  ASSISTANTSTA_EMAIL)
9  VALUES ('301', 'ORDONEZ', 'JUSTIN', 'DRIVER LICENSE', 'MAIMPIS
10 ST. SAN FERNANDO, PAMPANGA', 'ORDONEZ@YAHOO.COM');
11
```

2.)

```
SQL 1 ✖
1  INSERT INTO ASSISTANT_STAFF (ASSISTSTA_ID, ASSISTANTSTA_LNAME,
2  ASSISTANTSTA_FNAME, ASSISTANTSTA_LICEN, ASSISTANTSTA_ADD,
3  ASSISTANTSTA_EMAIL)
4  VALUES ('302', 'ORMITA', 'ROMMEL', 'DRIVER LICENSE', 'MEXICO ST.
5  SAN FERNANDO, PAMPANGA', 'ORMITA@YAHOO.COM');
6  INSERT INTO ASSISTANT_STAFF (ASSISTSTA_ID, ASSISTANTSTA_LNAME,
7  ASSISTANTSTA_FNAME, ASSISTANTSTA_LICEN, ASSISTANTSTA_ADD,
8  ASSISTANTSTA_EMAIL)
9  VALUES ('303', 'ROSALES', 'PATRICK', 'DRIVER LICENSE', 'MAIMPIS
10 ST. SAN FERNANDO, PAMPANGA', 'ROSALES@YAHOO.COM');
11
```

3.)


SQL 1 

```

1  INSERT INTO ASSISTANT_STAFF (ASSISTSTA_ID, ASSISTANTSTA_LNAME,
2  ASSISTANTSTA_FNAME, ASSISTANTSTA_LICEN, ASSISTANTSTA_ADD,
3  ASSISTANTSTA_EMAIL)
4  VALUES ('304', 'TOLENTINO', 'ANZEL', 'DRIVER LICENSE', 'MEXICO ST.
5  SAN FERNANDO, PAMPANGA', 'TOLENTINO@YAHOO.COM');
6

```

4.)


SQL 1 

```

1  INSERT INTO ASSISTANT_STAFF (ASSISTSTA_ID, ASSISTANTSTA_LNAME,
2  ASSISTANTSTA_FNAME, ASSISTANTSTA_LICEN, ASSISTANTSTA_ADD,
3  ASSISTANTSTA_EMAIL)
4  VALUES ('305', 'ZUNIGA', 'ADRIAN', 'DRIVER LICENSE', 'MAW ST.
5  ANGELES, PAMPANGA', 'ZUNIGA@YAHOO.COM');
6

```

5.)

SQL 1 

```

1  INSERT INTO ASSISTANT_STAFF (ASSISTSTA_ID, ASSISTANTSTA_LNAME,
2  ASSISTANTSTA_FNAME, ASSISTANTSTA_LICEN, ASSISTANTSTA_ADD,
3  ASSISTANTSTA_EMAIL)
4  VALUES ('306', 'CLAMOSO', 'MAX', 'DRIVER LICENSE', 'AMAPOLA ST.
5  SAN FERNANDO, PAMPANGA', 'MAXRESTO@YAHOO.COM');
6
7

```

SELECT

	ASSISTSTA_ID	ISTANTSTA_LN	ISTANTSTA_FN	ISTANTSTA_LI	SISTANTSTA_A	IS
	Filter	Filter	Filter	Filter	Filter	Filt
1	306	CLAMOSO	MAX	DRIVER LICEN...	AMAPOLA ST....	MA
2	300	NAVIDA	VINCE	DRIVER LICEN...	CATTLEYAST....	NA
3	301	ORDONEZ	JUSTIN	DRIVER LICEN...	MAIMPISST. ...	OR
4	303	ROSALES	PATRICK	DRIVER LICEN...	MAIMPISST. ...	RO
5	305	ZUNIGA	ADRIAN	DRIVER LICEN...	MAW ST.ANG...	ZU
6	302	ORMITA	ROMMEL	DRIVER LICEN...	MEXICO ST.S...	OR
7	304	TOLENTINO	ANZEL	DRIVER LICEN...	MEXICO ST.S...	TO




ASSISTANTSTA_EM
Filter
MAXRESTO@...
NAVIDALOCO...
ORDONEZ@Y...
ROSALES@YA...
ZUNIGA@YAH...
ORMITA@YA...
TOLENTINO@...

UPDATE

TABLE 'ASSISTANT\_STAFF'

1.)


SQL 1 

```

1  UPDATE ASSISTANT_STAFF
2  SET ASSISTSTA_ID = '307'
3  WHERE ASSISTSTA_ID = '300';

```

2.)


SQL 1 

```

1  UPDATE ASSISTANT_STAFF
2  SET ASSISTSTA_ID = '308'
3  WHERE ASSISTSTA_ID = '301';

```

3.)


SQL 1 

```

1  UPDATE ASSISTANT_STAFF
2  SET ASSISTSTA_ID = '309'
3  WHERE ASSISTSTA_ID = '302';


```

4.)

SQL 1 

```
1 UPDATE ASSISTANT_STAFF
2 SET ASSISTSTA_ID = '310'
3 WHERE ASSISTSTA_ID = '303';
```

5.)

SQL 1 

```
1 UPDATE ASSISTANT_STAFF
2 SET ASSISTSTA_ID = '311'
3 WHERE ASSISTSTA_ID = '304';
```


SELECT

	ASSISTSTA_ID	ISTANTSTA_LN	ISTANTSTA_FN	SISTANTSTA_LI	SISTANTSTA_A	IS
	Filter	Filter	Filter	Filter	Filter	Filt
1	305	ZUNIGA	ADRIAN	DRIVER LICEN...	MAW ST.ANG...	ZUI
2	311	TOLENTINO	ANZEL	DRIVER LICEN...	MEXICO ST.S...	TO
3	310	ROSALES	PATRICK	DRIVER LICEN...	MAIMPISST. ...	RO
4	309	ORMITA	ROMMEL	DRIVER LICEN...	MEXICO ST.S...	OR
5	308	ORDONEZ	JUSTIN	DRIVER LICEN...	MAIMPISST. ...	OR
6	307	NAVIDA	VINCE	DRIVER LICEN...	CATTLEYAST....	NA
7	306	CLAMOSO	MAX	DRIVER LICEN...	AMAPOLA ST....	MA

DELETE


TABLE 'ASSISTANT\_STAFF'

1.)

SQL 1 


```
1 DELETE FROM ASSISTANT_STAFF WHERE ASSISTSTA_ID='305';
```

2.)

SQL 1 


```
1 DELETE FROM ASSISTANT_STAFF WHERE ASSISTSTA_ID='306';
```

3.)

SQL 1 


```
1 DELETE FROM ASSISTANT_STAFF WHERE ASSISTSTA_ID='307';
```

4.)

SQL 1 

```
1 DELETE FROM ASSISTANT_STAFF WHERE ASSISTSTA_ID='308';
```

5.)

SQL 1 

```
1 DELETE FROM ASSISTANT_STAFF WHERE ASSISTSTA_ID='309';
```

SELECT

	ASSISTSTA_ID	ISTANTSTA_LN	ISTANTSTA_FN	ISTANTSTA_LI	SISTANTSTA_A	IS
	Filter	Filter	Filter	Filter	Filter	Filter
1	311	TOLENTINO	ANZEL	DRIVER LICEN...	MEXICO ST.S...	TC
2	310	ROSALES	PATRICK	DRIVER LICEN...	MAIMPISST. ...	RC

ISTANTSTA\_EN

Filter


TOLENTINO@...

ROSALES@YA...

INSERT


TABLE 'HOSPITAL\_STAFF'

1.)

SQL 1 


```
1 INSERT INTO HOSPITAL_STAFF (HOSPSTA_ID, HOSPSTA_FNAME,
2 HOSPSTA_LNAME, HOSPSTA_AGE, HOSPSTA_SEX, HOSPSTA_ADD,
3 HOSPSTA_LICEN)
4 VALUES('1000', 'LUFFY', 'MARTINEZ', '22', 'M', 'HALALA ST.
5 SAMPALOC, MANILA', 'AUTOCLAVE LICENSE');
6 INSERT INTO HOSPITAL_STAFF (HOSPSTA_ID, HOSPSTA_FNAME,
7 HOSPSTA_LNAME, HOSPSTA_AGE, HOSPSTA_SEX, HOSPSTA_ADD,
8 HOSPSTA_LICEN)
9 VALUES('1001', 'GIN', 'ALIAS', '23', 'M', 'ST. MARK VILLAGE
10 SAMPALOC, MANILA', 'AUTOCLAVE LICENSE');
11
```

2.)

SQL 1 


```
1  INSERT INTO HOSPITAL_STAFF (HOSPSTA_ID, HOSPSTA_FNAME,  
2  HOSPSTA_LNAME, HOSPSTA_AGE, HOSPSTA_SEX, HOSPSTA_ADD,  
3  HOSPSTA_LICEN)  
4  VALUES ('1002', 'PANDAY', 'HALALAN', '25', 'M', 'N ST.  
5  ANGELES, PAMPANGA', 'AUTOCLAVE LICENSE');  
6  INSERT INTO HOSPITAL_STAFF (HOSPSTA_ID, HOSPSTA_FNAME,  
7  HOSPSTA_LNAME, HOSPSTA_AGE, HOSPSTA_SEX, HOSPSTA_ADD,  
8  HOSPSTA_LICEN)  
9  VALUES ('1003', 'JOE', 'KHANACAD', '43', 'M', 'ST. JOSEPH VILLAGE  
10 ANGELES. PAMPANGA', 'AUTOCLAVE LICENSE');  
11
```

3.)

SQL 1 


```
1  INSERT INTO HOSPITAL_STAFF (HOSPSTA_ID, HOSPSTA_FNAME,  
2  HOSPSTA_LNAME, HOSPSTA_AGE, HOSPSTA_SEX, HOSPSTA_ADD,  
3  HOSPSTA_LICEN)  
4  VALUES ('1004', 'MEDINA', 'CYRELLE', '21', 'F', 'NIGHT ST.  
5  ANGELES, PAMPANGA', 'AUTOCLAVE LICENSE');  
6
```

4.)

SQL 1 

```
1  INSERT INTO HOSPITAL_STAFF (HOSPSTA_ID, HOSPSTA_FNAME,  
2  HOSPSTA_LNAME, HOSPSTA_AGE, HOSPSTA_SEX, HOSPSTA_ADD,  
3  HOSPSTA_LICEN)  
4  VALUES ('1005', 'ROCAMORA', 'EUNACE', '32', 'F', 'DAY ST.  
5  ANGELES, PAMPANGA', 'AUTOCLAVE LICENSE');  
6
```

5.)

SQL 1 

```
1  INSERT INTO HOSPITAL_STAFF (HOSPSTA_ID, HOSPSTA_FNAME,  
2  HOSPSTA_LNAME, HOSPSTA_AGE, HOSPSTA_SEX, HOSPSTA_ADD,  
3  HOSPSTA_LICEN)  
4  VALUES ('1006', 'SALVIO', 'CIENNA', '22', 'F', 'ALBANES ST.  
5  ANGELES, PAMPANGA', 'AUTOCLAVE LICENSE');  
6  
7
```

SELECT


	HOSPSTA_ID	IOSPSTA_FNAME	HOSPSTA_LNAME	HOSPSTA_AGE	HOSPSTA_SEX
	Filter	Filter	Filter	Filter	Filter
1	1000	LUFFY	MARTINEZ	22	M
2	1001	GIN	ALIAS	23	M
3	1002	PANDAY	HALALAN	25	M
4	1003	JOE	KHANACAD	43	M
5	1004	MEDINA	CYRELLE	21	F
6	1005	ROCAMORA	EUNACE	32	F
7	1005	SALVIO	CIENNA	22	F
8	1006	SALVIO	CIENNA	22	F

HOSPSTA_ADD	HOSPSTA_LICEN
Filter	Filter
HALALA ST.S...	AUTOCLAVE L...
ST. MARK VIL...	AUTOCLAVE L...
N ST.ANGELES,	AUTOCLAVE L...
ST. JOSEPH V...	AUTOCLAVE L...
NIGHT ST.AN...	AUTOCLAVE L...
DAY ST.ANGE...	AUTOCLAVE L...
ALBANES ST....	AUTOCLAVE L...
ALBANES ST....	AUTOCLAVE L...

UPDATE

TABLE 'HOSPITAL\_STAFF'

1.)


SQL 1 

```

1  UPDATE HOSPITAL_STAFF
2  SET HOSPSTA_ID = '1007', HOSPSTA_FNAME='JOANNA',
3  HOSPSTA_LNAME = 'POLICARPIO'
4  WHERE HOSPSTA_ID = '1005';


```

2.)

SQL 1 


```
1 UPDATE HOSPITAL_STAFF
2 SET HOSPSTA_ID = '1005', HOSPSTA_FNAME='CARMELA',
3 HOSPSTA_LNAME = 'BELTRAN'
4 WHERE HOSPSTA_AGE = '22';
```

3.)

SQL 1 


```
1 UPDATE HOSPITAL_STAFF
2 SET HOSPSTA_ID = '1000', HOSPSTA_FNAME='CYRELLE',
3 HOSPSTA_LNAME = 'MEDINA'
4 WHERE HOSPSTA_AGE = '22' AND HOSPSTA_ADD LIKE 'HALA%';
```

4.)

SQL 1 

```
1 UPDATE HOSPITAL_STAFF
2 SET HOSPSTA_FNAME='EUNACE',
3 HOSPSTA_LNAME = 'ROCAMORA'
4 WHERE HOSPSTA_ID = '1004';
```

5.)

SQL 1 

```
1 UPDATE HOSPITAL_STAFF
2 SET HOSPSTA_SEX = 'F'
3 WHERE HOSPSTA_ID = '1000';
```

SELECT


	HOSPSTA_ID	IOSPSTA_FNAMI	IOSPSTA_LNAMI	HOSPSTA_AGE	HOSPSTA_SEX	HC
	Filter	Filter	Filter	Filter	Filter	Filt
1	1000	CYRELLE	MEDINA	22	F	HA
2	1001	GIN	ALIAS	23	M	ST
3	1002	PANDAY	HALALAN	25	M	N S
4	1003	JOE	KHANACAD	43	M	ST
5	1004	EUNACE	ROCAMORA	21	F	NIC
6	1007	JOANNA	POLICARPIO	32	F	DA
7	1005	CARMELA	BELTRAN	22	F	ALI
8	1005	CARMELA	BELTRAN	22	F	ALI

HOSPSTA_ADD	HOSPSTA_LICEN
Filter	Filter
HALALA ST.S...	AUTOCLAVE L...
ST. MARK VIL...	AUTOCLAVE L...
N ST.ANGELES,	AUTOCLAVE L...
ST. JOSEPH V...	AUTOCLAVE L...
NIGHT ST.AN...	AUTOCLAVE L...
DAY ST.ANGE...	AUTOCLAVE L...
ALBANES ST....	AUTOCLAVE L...
ALBANES ST....	AUTOCLAVE L...


DELETE

TABLE 'HOSP\_STAFF'


1.)

```
SQL 1 
1 DELETE FROM HOSPITAL_STAFF WHERE HOSPSTA_ID = '1000';
```


2.)

```
SQL 1 
1 DELETE FROM HOSPITAL_STAFF WHERE HOSPSTA_ID = '1001';
```


3.)


```
SQL 1 
1 DELETE FROM HOSPITAL_STAFF WHERE HOSPSTA_ID = '1002';
```

4.)

```
SQL 1 
1 DELETE FROM HOSPITAL_STAFF WHERE HOSPSTA_ID = '1003';
```

5.)

```
SQL 1 
1 DELETE FROM HOSPITAL_STAFF WHERE HOSPSTA_ID = '1004';
```


```
SQL 1 
1 DELETE FROM HOSPITAL_STAFF WHERE HOSPSTA_ID = '1005';
```

SELECT

HOSPSTA_ID	IOSPSTA_FNAME	IOSPSTA_LNAME	HOSPSTA_AGE	HOSPSTA_SEX	HOSPSTA_HO
Filter	Filter	Filter	Filter	Filter	Filter
1007	JOANNA	POLICARPIO	32	F	DA

INSERT

TABLE 'COMPANY'

```
SQL 1 
1 INSERT INTO COMPANY (COMP_ID, COMP_NAME, COMP_ADDR)
2 VALUES ('100107', 'PROPRIVITY CO.', 'AMAPOLA ST. PILAR VILLAGE
3 SAN FERNANDO, PAMPANGA')
4
```

SELECT


COMP_ID	COMP_NAME	COMP_ADDR
Filter	Filter	Filter
1 100107	PROPRIVITY ...	AMAPOLA ST....




INSERT

TABLE 'OPERATION'


1.)

```
SQL 1 
1  INSERT INTO OPERATION (OPERATION_ROOM_NUM, OPE_PATIENT,
2  OPE_HOSPITAL)
3  VALUES ('301', 'LEAH', 'WESTECH HOSPITAL');
4  INSERT INTO OPERATION (OPERATION_ROOM_NUM, OPE_PATIENT,
5  OPE_HOSPITAL)
6  VALUES ('502', 'VALENCIA', 'ANTONIO HOSPITAL');
7  INSERT INTO OPERATION (OPERATION_ROOM_NUM, OPE_PATIENT,
8  OPE_HOSPITAL)
9  VALUES ('502', 'RAMOS', 'ALBERTO HOSPITAL');
```


2.)

```
SQL 1 
1  INSERT INTO OPERATION (OPERATION_ROOM_NUM, OPE_PATIENT,
2  OPE_HOSPITAL)
3  VALUES ('291', 'ALMARES', 'ANGELES HOSPITAL');
```


3.)

```
SQL 1 
1  INSERT INTO OPERATION (OPERATION_ROOM_NUM, OPE_PATIENT,
2  OPE_HOSPITAL)
3  VALUES ('801', 'SAMSON', 'JOSEFINA HOSPITAL');
```

4.)

```
SQL 1 
1  INSERT INTO OPERATION (OPERATION_ROOM_NUM, OPE_PATIENT,
2  OPE_HOSPITAL)
3  VALUES ('723', 'PANGILINAN', 'NORTHWOODS HOSPITAL');
```

5.)

SQL 1 

```
1 INSERT INTO OPERATION (OPERATION_ROOM_NUM, OPE_PATIENT,  
2 OPE_HOSPITAL)  
3 VALUES ('423', 'KAMADO', 'SAN FERNANDO HOSPITAL');  
4  
5
```


SELECT

OPERATION_ROOM_NUM	OPE_PATIENT	OPE_HOSPITAL
Filter	Filter	Filter
301	LEAH	WESTECH HO...
502	VALENCIA	ANTONIO HO...
502	RAMOS	ALBERTO HO...
291	ALMARES	ANGELES HOS...
801	SAMSON	JOSEFINA HO...
723	PANGILINAN	NORTHWOOD...
423	KAMADO	SAN FERNAN...

UPDATE


TABLE 'OPERATION'

1.)

SQL 1 

```
1 UPDATE OPERATION  
2 SET OPERATION_ROOM_NUM='442'  
3 WHERE OPERATION_ROOM_NUM='301';
```

2.)

SQL 1 

```
1 UPDATE OPERATION  
2 SET OPERATION_ROOM_NUM='526'  
3 WHERE OPERATION_ROOM_NUM='502' AND OPE_PATIENT='RAMOS';
```

3.)

```

SQL 1 ✕
1 UPDATE OPERATION
2 SET OPERATION_ROOM_NUM='101'
3 WHERE OPERATION_ROOM_NUM='423';

```

4.)

```

SQL 1 ✕
1 UPDATE OPERATION
2 SET OPERATION_ROOM_NUM='803'
3 WHERE OPERATION_ROOM_NUM='801';

```

5.)

```

SQL 1 ✕
1 UPDATE OPERATION
2 SET OPERATION_ROOM_NUM='636'
3 WHERE OPERATION_ROOM_NUM='291';

```


SELECT

	OPERATION_ROOM_NUM	OPERATION_PATIENT	OPERATION_HOSPITAL
	Filter	Filter	Filter
1	442	LEAH	WESTECH HO...
2	502	VALENCIA	ANTONIO HO...
3	526	RAMOS	ALBERTO HO...
4	636	ALMARES	ANGELES HOS...
5	803	SAMSON	JOSEFINA HO...
6	723	PANGILINAN	NORTHWOOD...
7	101	KAMADO	SAN FERNAN...

DELETE


TABLE 'OPERATION'

1.)

SQL 1 


```
1 DELETE FROM OPERATION WHERE OPERATION_ROOM_NUM='442';
```

2.)

SQL 1 


```
1 DELETE FROM OPERATION WHERE OPERATION_ROOM_NUM='502';
```

3.)

SQL 1 


```
1 DELETE FROM OPERATION WHERE OPERATION_ROOM_NUM='101';
```

4.)

SQL 1 

```
1 DELETE FROM OPERATION WHERE OPERATION_ROOM_NUM='526';
```

5.)

SQL 1 

```
1 DELETE FROM OPERATION WHERE OPERATION_ROOM_NUM='636';
```

SELECT

	OPERATION_ROOM_NUM	OPERATION_PATIENT	OPERATION_HOSPITAL
	Filter	Filter	Filter
1	803	SAMSON	JOSEFINA HO...
2	723	PANGILINAN	NORTHWOOD...


INSERT

TABLE 'FEE'

1.)


```
1 INSERT INTO FEE (FEE_NUM, FEE_DATE, FEE_PRICE)
2 VALUES('801', 'JAN 3 2019', '40000');
3 INSERT INTO FEE (FEE_NUM, FEE_DATE, FEE_PRICE)
4 VALUES('841', 'JAN 16 2019', '21000');
5 INSERT INTO FEE (FEE_NUM, FEE_DATE, FEE_PRICE)
6 VALUES('891', 'JAN 28 2019', '7700');
```

2.)

SQL 1 


```
1  INSERT INTO FEE (FEE_NUM, FEE_DATE, FEE_PRICE)
2  VALUES('901', 'FEB 3 2019', '8900');
3  |
```

3.)

SQL 1 


```
1  INSERT INTO FEE (FEE_NUM, FEE_DATE, FEE_PRICE)
2  VALUES('951', 'FEB 22 2019', '17700');|
3  |
```

4.)

SQL 1 

```
1  INSERT INTO FEE (FEE_NUM, FEE_DATE, FEE_PRICE)
2  VALUES('1001', 'MAR 1 2019', '26900');|
3  |
```

5.)

SQL 1 

```
1  INSERT INTO FEE (FEE_NUM, FEE_DATE, FEE_PRICE)
2  VALUES('1101', 'MAR 15 2019', '50920');|
3  |
```


SELECT

	FEE_NUM	FEE_DATE	FEE_PRICE
	Filter	Filter	Filter
1	801	JAN 3 2019	40000
2	841	JAN 16 2019	21000
3	891	JAN 28 2019	7700
4	901	FEB 3 2019	8900
5	951	FEB 22 2019	17700
6	1001	MAR 1 2019	26900
7	1101	MAR 15 2019	50920


UPDATE

TABLE 'FEE'


1.)

```
SQL 1   
1 UPDATE FEE  
2 SET FEE_DATE = 'JAN 6 2019'  
3 WHERE FEE_NUM = '801';
```


2.)

```
SQL 1   
1 UPDATE FEE  
2 SET FEE_DATE = 'JAN 20 2019'  
3 WHERE FEE_NUM = '841';
```


3.)

```
SQL 1   
1 UPDATE FEE  
2 SET FEE_DATE = 'FEB 1 2019'  
3 WHERE FEE_NUM = '891';
```

4.)

```
SQL 1   
1 UPDATE FEE  
2 SET FEE_DATE = 'FEB 14 2019'  
3 WHERE FEE_NUM = '901';
```

5.)

```
SQL 1   
1 UPDATE FEE  
2 SET FEE_DATE = 'FEB 27 2019'  
3 WHERE FEE_NUM = '951';
```

SELECT

	FEE_NUM	FEE_DATE	FEE_PRICE
	Filter	Filter	Filter
1	801	JAN 6 2019	40000
2	841	JAN 20 2019	21000
3	891	FEB 1 2019	7700
4	901	FEB 14 2019	8900
5	951	FEB 27 2019	17700
6	1001	MAR 1 2019	26900
7	1101	MAR 15 2019	50920

DELETE

TABLE 'FEE'

1.)

```
SQL 1 ✕
1 DELETE FROM FEE WHERE FEE_NUM = '801';
```

2.)

```
SQL 1 ✕
1 DELETE FROM FEE WHERE FEE_NUM = '841';
```


3.)

```
SQL 1 ✕
1 DELETE FROM FEE WHERE FEE_NUM = '891';
```

4.)

```
SQL 1 ✕
1 DELETE FROM FEE WHERE FEE_NUM = '901';
```

5.)

SQL 1 

```
1 DELETE FROM FEE WHERE FEE_NUM = '951';
```


SELECT

	FEE_NUM	FEE_DATE	FEE_PRICE
	Filter	Filter	Filter
1	1001	MAR 1 2019	26900
2	1101	MAR 15 2019	50920

INSERT

TABLE 'HOSPITAL'

1.)

SQL 1 

```
1 INSERT INTO HOSPITAL(HOSP_ID, HOSP_NAME, HOSP_ADD)
2 VALUES ('23672', 'MT. CARMEL HOSPITAL', 'LOT 4, NINOY AQUINO
3 AVE.');
```


SELECT

	HOSP_ID	HOSP_NAME	HOSP_ADD
	Filter	Filter	Filter
1	23672	MT. CARMEL ...	LOT 4, NINOY...

INSERT

TABLE 'AUTOCLAVE'

1.)

SQL 1 

```
1 INSERT INTO AUTOCLAVE (AUTOC_NUM, AUTOC_QUANTITY,
2 AUTOC_HEATTIME)
3 VALUES('19382', '1', '1 HOUR');
4
```

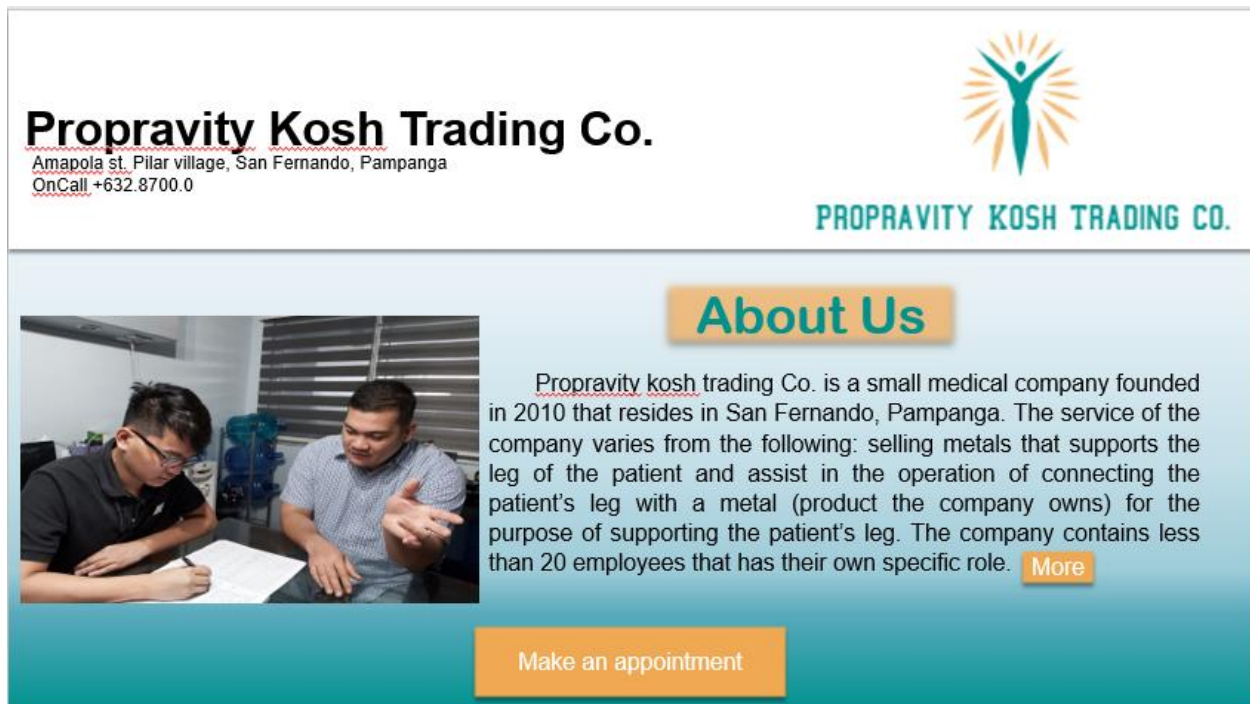


SELECT

	AUTOC_NUM	UTOC_QUANTIT	UTOC_HEATTIM
	Filter	Filter	Filter
1	19382	1	1 HOUR

## Appendices:

Screen Design for the System Prototype:



In the Home screen page the client will be able to see the description of the company (Propravity Kosh Trading Co.) which includes the address and their contact number. It will provide a “Make an appointment” button.

## Propravity Kosh Trading Co.

Amapola st, Pilar village, San Fernando, Pampanga  
OnCall +632.8700.0



PROPRAVITY KOSH TRADING CO.

Enter your Information

### Client Information

Last Name*	<input type="text" value="Last Name"/>	Doctor ID*	<input type="text" value="Doctor ID"/>
First Name*	<input type="text" value="First Name"/>	Hospital*	<input type="text" value="Hospital"/>
Address*	<input type="text" value="Address"/>	Email*	<input type="text" value="E-mail"/>
Age*	<input type="text" value="Age"/>	Contact No.	<input type="text" value="Contact Number"/>
Remarks	<input type="text" value="..."/>		

Next

In this page, the user will input all the necessary information need by the system. It will ask for the client's last name, first name, address, age, doctors id number, hospital, email, and contact number. Which will fall in the doctors table.

# Propravity Kosh Trading Co.

Amapola st. Pilar village, San Fernando, Pampanga  
OnCall +632 8700.0



PROPRAVITY KOSH TRADING CO.

## Materials

Bone Cement

Quantity:  ▼

Amount: 4,499.00

Implants

Quantity:  ▼

Amount: 3,500.00

Plates

Quantity:  ▼

Amount: 5,500.00

Total Amount: 13,499.00

Next

After clicking the next button on the bottom right of the screen. The user will be transferred in this page. Which will ask for the quantity of materials he/she needs. As well as the equivalent amount of the quantity of all the material he/she selected. This will fall in the Materials table. All

# Propravity Kosh Trading Co.

Amapola st. Pilar village, San Fernando, Pampanga  
OnCall +632.8700.0



PROPRIVITY KOSH TRADING CO.

Confirmation

Total Price: 22,000.00

Date: mmm/dd/yyyy

All information was sent in your email account for confirmation. Pleas do reply .

[Resend confirmation.](#)

Check what you ordered

Home

The last page which is the confirmation page. The system will display the total amount of what the client ordered. And it will ask for the recent date, when is the target time of the client's operation. This information will be put in the Fee table. The user can check what they ordered by clicking the button "Check what you ordered", after clicking the button, the user will be transferred to another page where they can see what materials they ordered and its cost. But if the user clicks the "Home" button, they will be transferred to the home page of the application, which is the page that has "About Us" title.

# Propravity Kosh Trading Co.

Amapola st. Pilar village, San Fernando, Pampanga  
OnCall +632.8700.0



PROPRIVITY KOSH TRADING CO.

MATERIALS ORDERED	QUANTITY	COST PER MATERIAL	TOTAL COST
Bone Cement	2	4,499.00	8,998.00
Implants	3	4,500.00	13, 500.00
Plates	0	3,500.00	0.00
Overall Cost:			22,498.00
<div>Edit</div> <div>Go back</div> <div>Home</div>			

This is the page where the user can see the materials they ordered. They can change what they ordered by clicking the “Edit” button and will be transferred to the same page where they ordered materials.

## Interviews:



# Copy of their Company Procedures/Processes:

## 1. What kind of business are you running?

Trading Company

Sole proprietorship

Only clients are orthopedic doctors

## 2. What is your procedure when dealing with clients?

- The doctor will approach the company if someone got an accident and needs his assistance, or the doctor may already have a patient. The doctor can only approach the company by contacting the company
- Doctor will order materials to the office staff depending what kind of materials the doctor wants
- Office staff prepares purchase order for the materials ordered. This purchase order is only for the company.
- Office staff prepares the materials ordered by the doctor.
- The driver will deliver the materials to the designated hospital and they will autoclave the materials needed for the operation. The materials should be heated first from the autoclave before the schedule of operation
- The driver will deliver the autoclaved materials to the hospital where the operation will reside. It should be delivered before the operation.
- The assistant staff of the company will now go to the hospital where the operation will reside and start the operation of the patient. The assistant needs to assist the doctor because the doctor doesn't know how the materials of the company is assembled, only the assistant staff knows how the materials should be used.
- The assistant staff prepares the sales invoice, which is the total of materials used for the operation and the overall cost of the materials.
- The assistant staff delivers the sales invoice to the patient to pay for the used materials. This serves as the income for the company.