**CSE201 – DBMS LAB**

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LAB4

IF OBJECT\_ID('dbo.Sales\_order\_details', 'U') IS NOT NULL

DROP TABLE dbo.Sales\_order\_details;

IF OBJECT\_ID('dbo.Sales\_order', 'U') IS NOT NULL

DROP TABLE dbo.Sales\_order;

IF OBJECT\_ID('dbo.Sales\_master', 'U') IS NOT NULL

DROP TABLE dbo.Sales\_master;

IF OBJECT\_ID('dbo.product\_master\_table1', 'U') IS NOT NULL

DROP TABLE dbo.product\_master\_table1;

IF OBJECT\_ID('dbo.client\_master\_table1', 'U') IS NOT NULL

DROP TABLE dbo.client\_master\_table1;

SET ansi\_warnings OFF

GO

CREATE TABLE client\_master\_table1(

client\_no VARCHAR(25) PRIMARY KEY,

name VARCHAR(20),

address\_1 VARCHAR(30),

address\_2 VARCHAR(30),

city VARCHAR(15),

state VARCHAR(15),

pincode NUMERIC(6),

bal\_due NUMERIC(10,2)

);

INSERT INTO client\_master\_table1 VALUES ('0001', 'Ivan','','', 'Bombay', 'Maharashtra',400054, 15000);

INSERT INTO client\_master\_table1 VALUES ('0002', 'Vandana','','', 'Madras' ,'Tamilnadu',780001, 0);

INSERT INTO client\_master\_table1 VALUES ('0003', 'Pramada','','', 'Bombay', 'Maharashtra',400057, 5000);

insert into client\_master\_table1 values ('0004', 'Basu','','', 'Bombay' ,'Maharashtra',400056, 0);

insert into client\_master\_table1 values ('0005', 'Ravi','','', 'Delhi' ,'',100001, 2000);

insert into client\_master\_table1 values ('0006', 'Rukmini','','', 'Bombay', 'Maharashtra', 400050, 0);

CREATE TABLE product\_master\_table1

(

product\_no VARCHAR(6) PRIMARY KEY,

description VARCHAR(20),

profit\_percent NUMERIC,

unit\_measure VARCHAR(20),

qty\_on\_hand NUMERIC,

reoder\_lvl NUMERIC,

sell\_price NUMERIC,

cost\_price NUMERIC );

insert into product\_master\_table1 values ('P00001', '1.44floppies', 5, 'piece', 100, 20, 525,500);

insert into product\_master\_table1 values('P03453', 'Monitors',6, 'piece', 10, 3, 12000, 11200);

insert into product\_master\_table1 values('P06734', 'Mouse',5, 'piece', 20, 5, 1050,500);

insert into product\_master\_table1 values('P07865', '1.22 floppies', 5, 'piece', 100, 20, 525,500);

insert into product\_master\_table1 values('P07868', 'Keyboards',2, 'piece', 10, 3, 3150, 3050);

insert into product\_master\_table1 values('P07885', 'CD Drive',2.5, 'piece',10, 3, 5250, 5100);

insert into product\_master\_table1 values('P07965', '540 HDD',4, 'piece', 10, 3, 8400, 8000);

insert into product\_master\_table1 values('P07975', '1.44 Drive',5, 'piece', 10, 3, 1050, 1000);

insert into product\_master\_table1 values('P08865', '1.22 Drive',5, 'piece', 2, 3, 1050, 1000);

SELECT \* FROM client\_master\_table1 ;

SELECT \* FROM product\_master\_table1 ;

Create TABLE Sales\_master(

Salesman\_no VARCHAR(6) PRIMARY KEY CHECK (Salesman\_no LIKE 's%'),

Sal\_name VARCHAR(10) NOT NULL,

Address VARCHAR NOT NULL,

City VARCHAR(20),

State VARCHAR(20),

Pincode NUMERIC(6),

Sal\_amt NUMERIC(8,2) NOT NULL CHECK (Sal\_amt != 0),

Tgt\_to\_get NUMERIC(6,2) NOT NULL CHECK (Tgt\_to\_get != 0),

Ytd\_sales NUMERIC(6,2) NOT NULL CHECK (Ytd\_sales != 0),

Remarks VARCHAR(30)

);

INSERT INTO Sales\_master VALUES ('S00001','Kiran','A/14 Worli', 'Bombay', 'Mah', 400002,3000,100,50,'Good');

INSERT INTO Sales\_master VALUES ('S00002','Manish','65, nariman', 'Bombay', 'Mah', 400001,3000,200,100,'Good');

INSERT INTO Sales\_master VALUES ('S00003','Ravi','P-7 Bandra', 'Bombay', 'Mah', 400032,3000,200,100,'Good');

INSERT INTO Sales\_master VALUES ('S00004','Ashish','A/5 Juhu', 'Bombay', 'Mah', 400044,3500,200,150,'Good');

Select \* FROM Sales\_master;

CREATE TABLE Sales\_order(

S\_order\_no VARCHAR(6) PRIMARY KEY CHECK (S\_order\_no LIKE '0%'),

S\_order\_date DATE ,

Client\_no VARCHAR(25) REFERENCES client\_master\_table1(client\_no),

Dely\_add VARCHAR(6),

Salesman\_no VARCHAR(6) REFERENCES Sales\_master(salesman\_no),

Dely\_type Char(1) DEFAULT 'f' CHECK (Dely\_type = 'p' OR Dely\_type ='f'),

Billed\_yn Char(1),

Dely\_date DATE ,

Order\_status VARCHAR(10) CHECK (Order\_status IN ('in process','fullfilled','back order','canceled')),

CONSTRAINT dely\_sorder CHECK

(

Dely\_date >= S\_order\_date

)

);

INSERT INTO Sales\_order VALUES ('019001','01-12-1996', '0001', NULL, 'S00001', 'f', 'n', '01-20-1996', 'in process');

INSERT INTO Sales\_order VALUES ('019002','01-25-1996', '0002', NULL, 'S00002', 'p', 'n', '01-27-1996', 'canceled');

INSERT INTO Sales\_order VALUES ('016865','02-18-1996', '0003', NULL, 'S00003', 'f', 'y', '02-20-1996', 'fullfilled');

INSERT INTO Sales\_order VALUES ('019003','04-03-1996', '0001', NULL, 'S00001', 'f', 'y', '04-07-1996', 'fullfilled');

INSERT INTO Sales\_order VALUES ('046866','05-20-1996', '0004', NULL, 'S00002', 'p', 'n', '05-22-1996', 'canceled');

INSERT INTO Sales\_order VALUES ('010008','05-24-1996', '0005', NULL, 'S00004', 'f', 'n', '05-26-1996', 'in process');

SELECT \* FROM Sales\_order;

CREATE TABLE Sales\_order\_details(

S\_order\_no VARCHAR(6) REFERENCES Sales\_order(S\_order\_no),

Product\_no VARCHAR(6) REFERENCES product\_master\_table1(product\_no),

Qty\_order NUMERIC(8),

Qty\_disp NUMERIC(8),

Product\_rate NUMERIC(10,2),

PRIMARY KEY(S\_order\_no,Product\_no)

);

INSERT INTo Sales\_order\_details VALUES('019001','P00001',4,4,525);

INSERT INTo Sales\_order\_details VALUES('019001','P07965',2,1,8400);

INSERT INTo Sales\_order\_details VALUES('019001','P07885',2,1,5250);

INSERT INTo Sales\_order\_details VALUES('019002','P00001',10,0,525);

INSERT INTo Sales\_order\_details VALUES('046866','P07868',3,3,3150);

INSERT INTo Sales\_order\_details VALUES('046866','P07885',10,10,5250);

INSERT INTo Sales\_order\_details VALUES('019003','P00001',4,4,1050);

INSERT INTo Sales\_order\_details VALUES('019003','P03453',2,2,1050);

INSERT INTo Sales\_order\_details VALUES('046866','P06734',1,1,12000);

INSERT INTo Sales\_order\_details VALUES('046866','P07965',1,0,8400);

INSERT INTo Sales\_order\_details VALUES('010008','P07975',1,0,1050);

INSERT INTo Sales\_order\_details VALUES('010008','P00001',10,5,525);

SELECT \* from Sales\_order\_details;

**TABLES**

**client\_master\_table1**

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**product\_master\_table1**

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Description automatically generated

**Sales\_master**

**Sales\_**A picture containing text, monitor, screenshot, black

Description automatically generated**order**

**Sales\_order\_details**

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