A
Project Report
on

JWELLERY WHOLESALE MANAGEMENT

Developed by

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CERTIFICATE

This is to certify that the project entitled " ____**JWELLERY WHOLSALE MANAGEMENT**_____**"** is a bonafied report of the work carried out by

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of Department of Information Technology, semester V, under the guidance and supervision for the subject Database Management System. They were involved in Project training during academic year 2018-2019..

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Date:

ACKNOWLEDGEMENT

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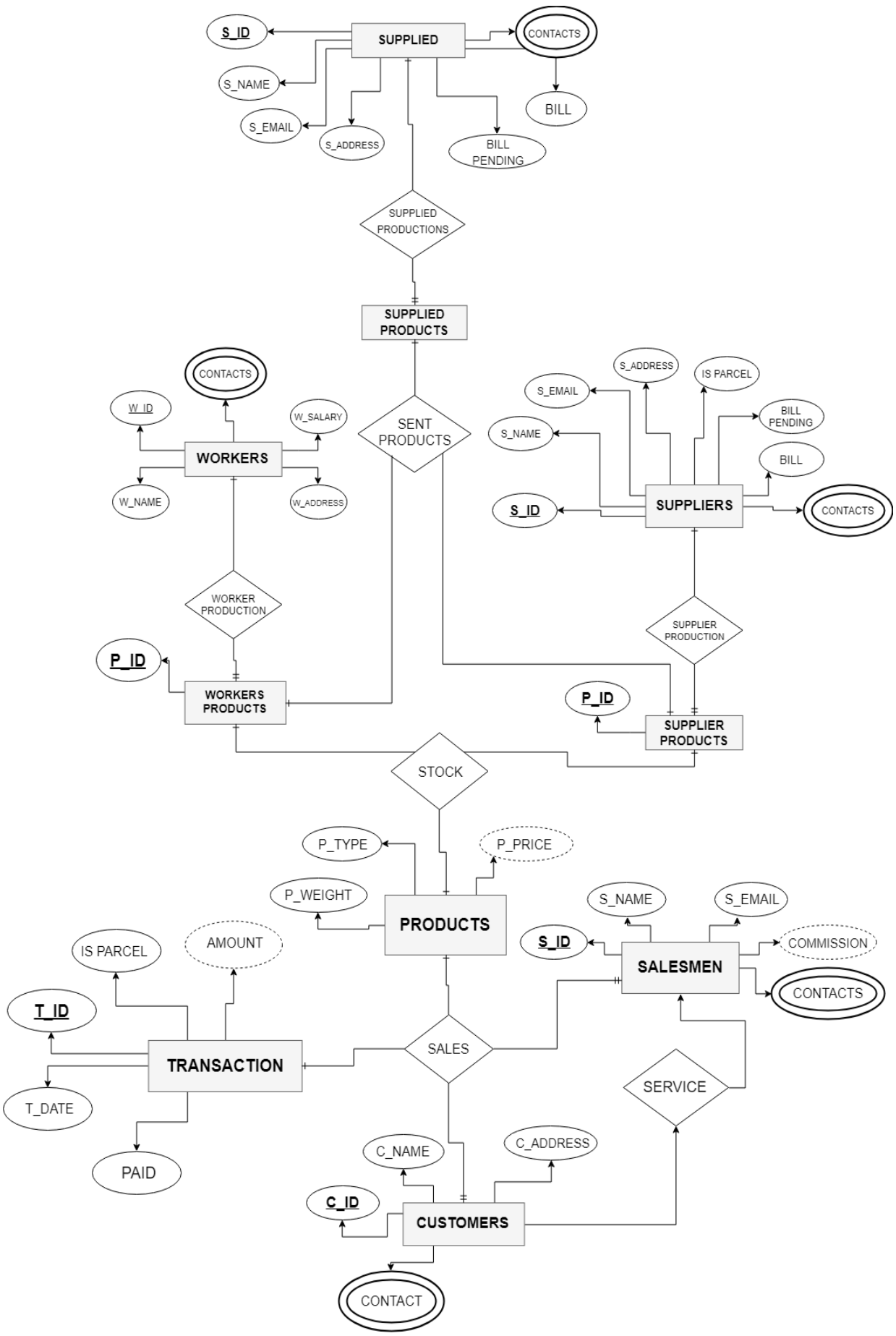
S_ID
SUPPLIED
CONTACTS
S_NAME
BILL
S_EMAIL
S_ADDRESS
BILL PENDING
SUPPLIED PRODUCTIONS
SUPPLIED PRODUCTS
CONTACTS
W_ID
W_SALARY
SENT PRODUCTS
WORKERS
W_NAME
W_ADDRESS
S_ADDRESS
IS PARCEL
S_EMAIL
BILL PENDING
S_NAME
BILL
S_ID
SUPPLIERS
CONTACTS
WORKER PRODUCTION
SUPPLIER PRODUCTION
P_ID
WORKERS PRODUCTS
P_ID
SUPPLIER PRODUCTS
STOCK
P_TYPE
P_PRICE
P_WEIGHT
PRODUCTS
S_NAME
S_EMAIL
S_ID
SALESMEN
COMMISSION
CONTACTS
IS PARCEL
AMOUNT
T_ID
SALES
SERVICE
TRANSACTION
T_DATE
PAID
C_NAME
C_ADDRESS
C_ID
CUSTOMERS
CONTACT

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1 customers

Creation: Sep 13, 2018 at 06:26 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
C_ID	varchar(5)		No					
S_ID	varchar(5)		No			-> salesmen.S_ID ON UPDATE RESTRICT ON DELETE RESTRICT		
C_NAME	text		No					
C_ADDRESS	text		No					

2 customer_contact

Creation: Sep 13, 2018 at 06:27 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
C_ID	varchar(5)		No			-> customers.C_ID ON UPDATE RESTRICT ON DELETE RESTRICT		
CONTACT1	bigint(13)		Yes	NULL				
CONTACT2	bigint(13)		Yes	NULL				

3 products

Creation: Sep 13, 2018 at 10:51 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
P_ID	varchar(5)		No					
P_TYPE	text		No					
P_WEIGHT	float(5,2)		No					
P_PRICE	double(10,2)		No					

4 salesmen

Creation: Sep 13, 2018 at 06:23 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
S_ID	varchar(5)		No					
S_NAME	text		No					
S_ADDRESS	text		No					
S_EMAIL	text		No					
COMMISSION	double(8,2)		No					

5 salesmen_contact

Creation: Sep 13, 2018 at 06:24 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
S_ID	varchar(5)		No			-> salesmen.S_ID ON UPDATE RESTRICT ON DELETE RESTRICT		
CONTACT1	bigint(13)		Yes	NULL				
CONTACT2	bigint(13)		Yes	NULL				

6 supplied

Creation: Sep 13, 2018 at 06:13 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
S_ID	varchar(5)		No					
S_NAME	text		No					
S_EMAIL	text		No					
S_ADDRESS	text		No					
BILL PENDING	double(10,2)		No					
BILL	double(10,2)		No					

7 supplied_contact

Creation: Sep 13, 2018 at 06:17 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
S_ID	varchar(5)		No			-> supplied.S_ID ON UPDATE RESTRICT ON DELETE RESTRICT		
CONTACT1	bigint(13)		Yes	NULL				
CONTACT2	bigint(13)		Yes	NULL				

8 supplied_products

Creation: Sep 13, 2018 at 06:15 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
S_ID	varchar(5)		No			-> supplied.S_ID ON UPDATE RESTRICT ON DELETE RESTRICT		
P_ID	varchar(5)		No					

9 supplier

Creation: Sep 13, 2018 at 06:06 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
S_ID	varchar(5)		No					
S_NAME	text		No					
S_ADDRESS	text		No					
S_EMAIL	text		No					
IS PARCEL	tinyint(1)		No					
BILL PENDING	double(10,2)		No					
BILL	double(10,2)		No					

10 supplier_contact

Creation: Sep 13, 2018 at 06:11 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
S_ID	varchar(5)		No			-> supplier.S_ID ON UPDATE RESTRICT ON DELETE RESTRICT		
CONTACT1	bigint(13)		Yes	NULL				
CONTACT2	bigint(13)		Yes	NULL				

11 supplier_products

Creation: Sep 13, 2018 at 06:08 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
S_ID	varchar(5)		No			-> supplier.S_ID ON UPDATE RESTRICT ON DELETE RESTRICT		
P_ID	varchar(5)		No					

12 transaction

Creation: Sep 13, 2018 at 10:52 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
T_ID	varchar(5)		No					
S_ID	varchar(5)		No			-> salesmen.S_ID ON UPDATE RESTRICT ON DELETE RESTRICT		
C_ID	varchar(5)		No			-> customers.C_ID ON UPDATE RESTRICT ON DELETE RESTRICT		
T_DATE	date		No					
P_ID	varchar(5)		No			-> products.P_ID ON UPDATE RESTRICT ON DELETE RESTRICT		
AMOUNT	double(10,2)		No					
IS PARCEL	tinyint(1)		No					
PAID	tinyint(1)		No					

13 workers

Creation: Sep 13, 2018 at 05:51 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
W_ID	varchar(5)		No					
W_NAME	text		No					
W_ADDRESS	text		No					
W_SALARY	bigint(10)		No					

14 workers_contact

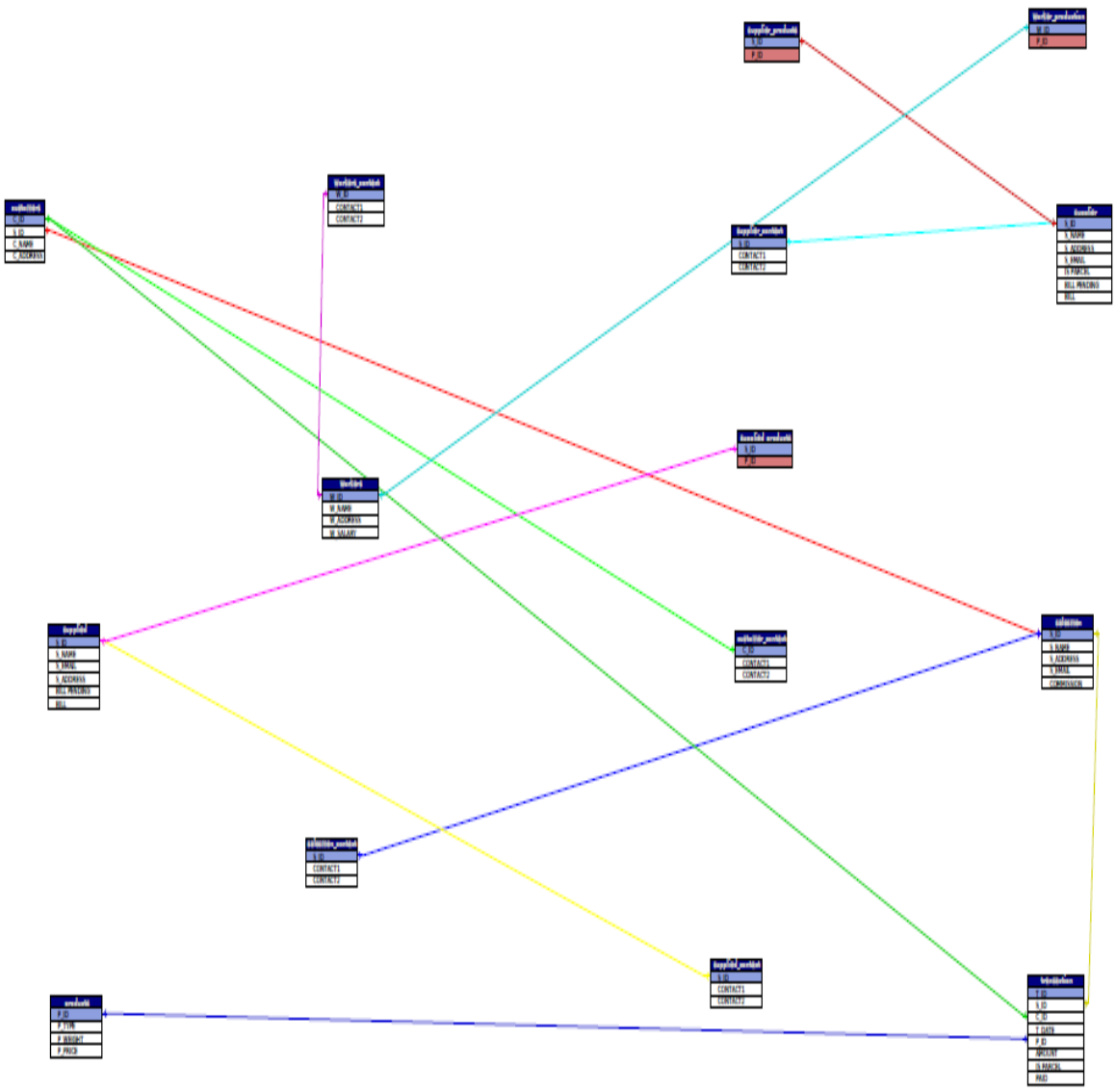
Creation: Sep 13, 2018 at 06:00 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
W_ID	varchar(5)		No			-> workers.W_ID ON UPDATE RESTRICT ON DELETE RESTRICT		
CONTACT1	bigint(13)		Yes	NULL				
CONTACT2	bigint(13)		Yes	NULL				

15 worker_production

Creation: Sep 13, 2018 at 05:53 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
W_ID	varchar(5)		No			-> workers.W_ID ON UPDATE RESTRICT ON DELETE RESTRICT		
P_ID	varchar(5)		No					



<---------- C R E A T E T A B L E ---------->

```
CREATE TABLE `dbms project`.`WORKERS` ( `W_ID` VARCHAR(5) NOT NULL , `W_NAME` TEXT NOT NULL , `W_ADDRESS` TEXT NOT NULL , `W_SALARY` BIGINT(10) NOT NULL , PRIMARY KEY (`W_ID`)) ENGINE = InnoDB;

CREATE TABLE `dbms project`.`WORKER_PRODUCTION` ( `W_ID` VARCHAR(5) NOT NULL , `P_ID` VARCHAR(5) NOT NULL , PRIMARY KEY (`P_ID`)) ENGINE = InnoDB;

CREATE TABLE `dbms project`.`WORKERS_CONTACT` ( `W_ID` VARCHAR(5) NOT NULL , `CONTACT1` BIGINT(13) NOT NULL , `CONTACT2` BIGINT(13) NOT NULL ) ENGINE = InnoDB;

CREATE TABLE `dbms project`.`WORKERS_CONTACT` ( `W_ID` VARCHAR(5) NOT NULL , `CONTACT1` BIGINT(13) NULL , `CONTACT2` BIGINT(13) NULL ) ENGINE = InnoDB;

CREATE TABLE `dbms project`.`SUPPLIER` ( `S_ID` VARCHAR(5) NOT NULL , `S_NAME` TEXT NOT NULL , `S_ADDRESS` TEXT NOT NULL , `S_EMAIL` TEXT NOT NULL , `IS PARCEL` BOOLEAN NOT NULL , `BILL PENDING` DOUBLE(10,2) NOT NULL , `BILL` DOUBLE(10,2) NOT NULL , PRIMARY KEY (`S_ID`)) ENGINE = InnoDB;

CREATE TABLE `dbms project`.`SUPPLIER_PRODUCTS` ( `S_ID` VARCHAR(5) NOT NULL , `P_ID` VARCHAR(5) NOT NULL , PRIMARY KEY (`P_ID`)) ENGINE = InnoDB;

CREATE TABLE `dbms project`.`SUPPLIER_CONTACT` ( `S_ID` VARCHAR(5) NOT NULL , `CONTACT1` BIGINT(13) NULL , `CONTACT2` BIGINT(13) NULL ) ENGINE = InnoDB;

CREATE TABLE `dbms project`.`SUPPLIED` ( `S_ID` VARCHAR(5) NOT NULL , `S_NAME` TEXT NOT NULL , `S_EMAIL` TEXT NOT NULL , `S_ADDRESS` TEXT NOT NULL , `BILL PENDING` DOUBLE(10,2) NOT NULL , `BILL` DOUBLE(10,2) NOT NULL , PRIMARY KEY (`S_ID`)) ENGINE = InnoDB;

CREATE TABLE `dbms project`.`SUPPLIED_PRODUCTS` ( `S_ID` VARCHAR(5) NOT NULL , `P_ID` VARCHAR(5) NOT NULL , PRIMARY KEY (`P_ID`)) ENGINE = InnoDB;

CREATE TABLE `dbms project`.`SUPPLIED_CONTACT` ( `S_ID` VARCHAR(5) NOT NULL , `CONTACT1` BIGINT(13) NULL , `CONTACT2` BIGINT(13) NULL ) ENGINE = InnoDB;

CREATE TABLE `dbms project`.`PRODUCTS` ( `P_ID` VARCHAR(5) NOT NULL , `P_TYPE` TEXT NOT NULL , `P_WEIGHT` DOUBLE(5,5) NOT NULL , `P_PRICE` DOUBLE(10,2) NOT NULL ) ENGINE = InnoDB;
```

```
CREATE TABLE `dbms project`.`SALESMEN` ( `S_ID` VARCHAR(5) NOT NULL , `S_NAME` TEXT NOT NULL , `S_ADDRESS` TEXT NOT NULL , `S_EMAIL` TEXT NOT NULL , `COMMISSION` DOUBLE(8,2) NOT NULL , PRIMARY KEY (`S_ID`)) ENGINE = InnoDB;

CREATE TABLE `dbms project`.`SALESMEN_CONTACT` ( `S_ID` VARCHAR(5) NOT NULL , `CONTACT1` BIGINT(13) NULL , `CONTACT2` BIGINT(13) NULL ) ENGINE = InnoDB;

CREATE TABLE `dbms project`.`CUSTOMERS` ( `C_ID` VARCHAR(5) NOT NULL , `S_ID` VARCHAR(5) NOT NULL , `C_NAME` TEXT NOT NULL , `C_ADDRESS` TEXT NOT NULL , PRIMARY KEY (`C_ID`)) ENGINE = InnoDB;

CREATE TABLE `dbms project`.`CUSTOMER_CONTACT` ( `C_ID` VARCHAR(5) NOT NULL , `CONTACT1` BIGINT(13) NULL , `CONTACT2` BIGINT(13) NULL ) ENGINE = InnoDB;

CREATE TABLE `dbms project`.`TRANSACTION` ( `T_ID` VARCHAR(5) NOT NULL , `S_ID` VARCHAR(5) NOT NULL , `C_ID` VARCHAR(5) NOT NULL , `T_DATE` DATE NOT NULL , `P_ID` VARCHAR(5) NOT NULL , `AMOUNT` DOUBLE(10,2) NOT NULL , `IS PARCEL` BOOLEAN NOT NULL , `PAID` BOOLEAN NOT NULL , PRIMARY KEY (`T_ID`)) ENGINE = InnoDB;


<------------------------------ I N S E R T   D A T A ------------------------------>

INSERT INTO `customers` VALUES ('C101', 'S101', 'MOHIT', 'VANKIYA');
INSERT INTO `customers` VALUES ('C102', 'S102', 'KARTIK', 'KESHIYA');
INSERT INTO `customers` VALUES ('C103', 'S103', 'HARSHIL', 'JODIYA');
INSERT INTO `customers` VALUES ('C104', 'S101', 'RAJ', 'JAMNAGER');
INSERT INTO `customers` VALUES ('C105', 'S102', 'JAGAV', 'NADIAD');
INSERT INTO `customers` VALUES ('C106', 'S103', 'BANTI', 'LIMBADI');
INSERT INTO `customers` VALUES ('C107', 'S101', 'NIRAV', 'HAJAMCHORA');
INSERT INTO `customers` VALUES ('C108', 'S102', 'RAHUL', 'BADANPAR');
INSERT INTO `customers` VALUES ('C109', 'S103', 'CHIRAG', 'JAYVA');
INSERT INTO `customers` VALUES ('C110', 'S101', 'HIREN', 'RAJKOT');


INSERT INTO `customer_contact` VALUES ('C101', '7418529630', '9567891230');
INSERT INTO `customer_contact` VALUES ('C102', '8529637410', '8527419630');
INSERT INTO `customer_contact` VALUES ('C103', '7894561230', '9426378015');
INSERT INTO `customer_contact` VALUES ('C104', '6398527410', '7283922127');
INSERT INTO `customer_contact` VALUES ('C105', '7531594613', '9408876175');
INSERT INTO `customer_contact` VALUES ('C106', '8529637410', '9426330381');
INSERT INTO `customer_contact` VALUES ('C107', '8527419560', '7894531205');
INSERT INTO `customer_contact` VALUES ('C108', '7894561230', '7531594604');
INSERT INTO `customer_contact` VALUES ('C109', '6398527485', '7531594620');
INSERT INTO `customer_contact` VALUES ('C110', '9517534682', '8889632100');


INSERT INTO `products` VALUES ('P101', 'CHAIN', '10.55', '0');
INSERT INTO `products` VALUES ('P102', 'CHAIN', '12.55', '0');
INSERT INTO `products` VALUES ('P103', 'CHAIN', '20.63', '0');
```

```
INSERT INTO `products` VALUES ('P104', 'CHAIN', '4.33', '0');
INSERT INTO `products` VALUES ('P105', 'RING', '7.33', '0');
INSERT INTO `products` VALUES ('P106', 'RING', '1.2', '0');
INSERT INTO `products` VALUES ('P107', 'EARINGS', '4.5', '0');
INSERT INTO `products` VALUES ('P108', 'EARINGS', '7.85', '0');
INSERT INTO `products` VALUES ('P109', 'SET', '30.451', '0');
INSERT INTO `products` VALUES ('P110', 'BANGLES', '50.11', '0');
INSERT INTO `products` VALUES ('P111', 'SET', '100.321', '0');
INSERT INTO `products` VALUES ('P112', 'BANGLES', '45.89', '0');
INSERT INTO `products` VALUES ('P113', 'LUCKY', '12.55', '0');
INSERT INTO `products` VALUES ('P114', 'LUCKY', '10.55', '0');
INSERT INTO `products` VALUES ('P115', 'BISCUIT', '100', '0');
INSERT INTO `products` VALUES ('P116', 'BISCUIT', '100', '0');
INSERT INTO `products` VALUES ('P117', 'PAYAL', '60.22', '0');
INSERT INTO `products` VALUES ('P118', 'PAYAL', '50.33', '0');
INSERT INTO `products` VALUES ('P119', 'EARINGS', '5.5', '0');
INSERT INTO `products` VALUES ('P120', 'EASRINGS', '6.3', '0');



INSERT INTO `salesmen` VALUES ('S101', 'PARTH', 'DHORL',
'AB@GMAIL.COM', '0');
INSERT INTO `salesmen` VALUES ('S102', 'JIL', 'VIDYANAGAR',
'AC@GMAIL.COM', '0');
INSERT INTO `salesmen` VALUES ('S103', 'JEET', 'NAVASARI',
'JE@GMAIL,COM', '0');


INSERT INTO `salesmen_contact` VALUES ('S101', '6352141790', '7894561235');
INSERT INTO `salesmen_contact` VALUES ('S102', '9408815175', '8527419630');
INSERT INTO `salesmen_contact` VALUES ('S103', '7283945210', '9638527410');


INSERT INTO `supplied` VALUES ('S101', 'GOPAL', 'p@gmail.com',
'PALANPUR', '80000', '545640');
INSERT INTO `supplied` VALUES ('S102', 'DHARMESH', 'q@gmail.com',
'AHMEDABAD', '100000', '564513');
INSERT INTO `supplied` VALUES ('S103', 'VIPUL', 'w@gmail.com',
'BHAVNAGAR', '120000', '0');
INSERT INTO `supplied` VALUES ('S104', 'JIGNESH', 'e@gmail.com', 'RAJKOT',
'140000', '500500');
INSERT INTO `supplied` VALUES ('S105', 'HIMANSHU', 'r@gmail.com',
'SURAT', '0', '200000');
INSERT INTO `supplied` VALUES ('S106', 'RAKESH', 't@gmail.com', 'VAPI',
'180000', '1056548');
INSERT INTO `supplied` VALUES ('S107', 'RAVI', 'y@gmail.com', 'AMRELI',
'200000', '1056479');
INSERT INTO `supplied` VALUES ('S108', 'VIJAY', 'u@gmail.com', 'JAMNAGAR',
'220000', '86226');



INSERT INTO `supplied_contact` VALUES ('S101', '9235326581', '9823265312');
INSERT INTO `supplied_contact` VALUES ('S102', '9565832356', '7953035302');
```

```
INSERT INTO `supplied_contact` VALUES ('S103', '9862632142', '9354321643');
INSERT INTO `supplied_contact` VALUES ('S104', '8656626831', '9135323432');
INSERT INTO `supplied_contact` VALUES ('S105', '8632323532', '9264264646');
INSERT INTO `supplied_contact` VALUES ('S106', '7923533431', '9462354321');
INSERT INTO `supplied_contact` VALUES ('S107', '8693235321', '6587323413');
INSERT INTO `supplied_contact` VALUES ('S107', '8693235321', '6587323413');


INSERT INTO `supplied_contact` VALUES ('S107', '8693235321', '6587323413');
INSERT INTO `supplied_products` VALUES ('S101', 'P109');
INSERT INTO `supplied_products` VALUES ('S102', 'P106');
INSERT INTO `supplied_products` VALUES ('S103', 'P103');
INSERT INTO `supplied_products` VALUES ('S104', 'P104');
INSERT INTO `supplied_products` VALUES ('S105', 'P111');
INSERT INTO `supplied_products` VALUES ('S106', 'P115');
INSERT INTO `supplied_products` VALUES ('S107', 'P108');
INSERT INTO `supplied_products` VALUES ('S108', 'P120';

INSERT INTO `supplier` VALUES ('S101', 'RAJU', 'NADIAD', 'A@GMAIL.COM',
'1', '0', '1500000');
INSERT INTO `supplier` VALUES ('S102', 'CHINTAN', 'KHEDA',
'B@GMAIL.COM', '0', '120000', '2900000');
INSERT INTO `supplier` VALUES ('S103', 'RUDRA', 'JUNAGADH',
'B@GMAIL.COM', '1', '60000', '1900000');
INSERT INTO `supplier` VALUES ('S104', 'CHIRAG', 'ANAND',
'B@GMAIL.COM', '0', '640000', '80000');
INSERT INTO `supplier` VALUES ('S105', 'JATIN', 'MEHSANA',
'B@GMAIL.COM', '0', '0', '98000');
INSERT INTO `supplier` VALUES ('S106', 'AJAY', 'SURAT', 'B@GMAIL.COM',
'0', '75500', '0');
INSERT INTO `supplier` VALUES ('S107', 'SANDO', 'VADODRA',
'B@GMAIL.COM', '1', '900000', '1600000');


INSERT INTO `supplier_contact` VALUES ('S101', '8173136715', '7326531465');
INSERT INTO `supplier_contact` VALUES ('S102', '7316439135', '7733543034');
INSERT INTO `supplier_contact` VALUES ('S103', '9238135135', '9232613264');
INSERT INTO `supplier_contact` VALUES ('S104', '8326354731', '9832635311');
INSERT INTO `supplier_contact` VALUES ('S105', '7351352643', '9932354311');
INSERT INTO `supplier_contact` VALUES ('S106', '8321351324', '8832354311');
INSERT INTO `supplier_contact` VALUES ('S107', '9936472165', '8323531216');

INSERT INTO `supplier_products` VALUES ('S101', 'P111');
INSERT INTO `supplier_products` VALUES ('S102', 'P112');
INSERT INTO `supplier_products` VALUES ('S103', 'P113');
INSERT INTO `supplier_products` VALUES ('S104', 'P114');
INSERT INTO `supplier_products` VALUES ('S105', 'P115');
INSERT INTO `supplier_products` VALUES ('S106', 'P116');
INSERT INTO `supplier_products` VALUES ('S107', 'P117');
INSERT INTO `supplier_products` VALUES ('S101', 'P118');
INSERT INTO `supplier_products` VALUES ('S105', 'P119');
INSERT INTO `supplier_products` VALUES ('S106', 'P120');
```

```
INSERT INTO `transaction` VALUES ('T101', 'S101', 'C101', '2/2/1998', 'P101', '0',
'0', '1');
INSERT INTO `transaction` VALUES ('T102', 'S102', 'C102', '2/3/1998', 'P120', '0',
'1', '1');
INSERT INTO `transaction` VALUES ('T103', 'S103', 'C103', '2/4/1998', 'P103', '0',
'0', '0');
INSERT INTO `transaction` VALUES ('T104', 'S101', 'C104', '2/5/1998', 'P104', '0',
'1', '0');
INSERT INTO `transaction` VALUES ('T105', 'S102', 'C105', '2/6/1998', 'P115', '0',
'0', '0');
INSERT INTO `transaction` VALUES ('T106', 'S103', 'C106', '2/7/1998', 'P106', '0',
'1', '1');
INSERT INTO `transaction` VALUES ('T107', 'S101', 'C107', '2/8/1998', 'P107', '0',
'0', '0');
INSERT INTO `transaction` VALUES ('T108', 'S102', 'C108', '2/9/1998', 'P108', '0',
'1', '1');
INSERT INTO `transaction` VALUES ('T109', 'S103', 'C109', '2/10/1998', 'P119', '0',
'0', '1');
INSERT INTO `transaction` VALUES ('T110', 'S102', 'C110', '2/11/1998', 'P110', '0',
'0', '1');


INSERT INTO `workers` VALUES ('W101', 'BHAVY', 'NADIAD', '12000');
INSERT INTO `workers` VALUES ('W102', 'RUSHI', 'BHAVNAGAR', '9000');
INSERT INTO `workers` VALUES ('W103', 'VIVEK', 'JAMNAGAR', '11000');
INSERT INTO `workers` VALUES ('W104', 'JAINIL', 'RAJKOT', '15000');
INSERT INTO `workers` VALUES ('W105', 'KHATRI', 'AHMEDABAD', '6000');


INSERT INTO `workers_contact` VALUES ('W101', '9420851670', '7990776164');
INSERT INTO `workers_contact` VALUES ('W102', '9408815175', '9426818926');
INSERT INTO `workers_contact` VALUES ('W103', '7283921127', '8200500823');
INSERT INTO `workers_contact` VALUES ('W104', '9033723420', '9426166369');
INSERT INTO `workers_contact` VALUES ('W105', '9426330371', '9978723420');


INSERT INTO `worker_production` VALUES ('W101', 'P101');
INSERT INTO `worker_production` VALUES ('W102', 'P102');
INSERT INTO `worker_production` VALUES ('W103', 'P103');
INSERT INTO `worker_production` VALUES ('W104', 'P104');
INSERT INTO `worker_production` VALUES ('W105', 'P105');
INSERT INTO `worker_production` VALUES ('W101', 'P106');
INSERT INTO `worker_production` VALUES ('W102', 'P107');
INSERT INTO `worker_production` VALUES ('W103', 'P108');
INSERT INTO `worker_production` VALUES ('W104', 'P109');
INSERT INTO `worker_production` VALUES ('W105', 'P110');

ALTER TABLE `customers` ADD FOREIGN KEY (`S_ID`) REFERENCES
`salesmen`(`S_ID`) ON DELETE RESTRICT ON UPDATE RESTRICT;

ALTER TABLE `customer_contact` ADD FOREIGN KEY (`C_ID`) REFERENCES
`customers`(`C_ID`) ON DELETE RESTRICT ON UPDATE RESTRICT;
```

```
ALTER TABLE `salesmen_contact` ADD FOREIGN KEY (`S_ID`) REFERENCES
`salesmen`(`S_ID`) ON DELETE RESTRICT ON UPDATE RESTRICT;

ALTER TABLE `supplied_contact` ADD FOREIGN KEY (`S_ID`) REFERENCES
`supplied`(`S_ID`) ON DELETE RESTRICT ON UPDATE RESTRICT;

ALTER TABLE `supplied_products` ADD FOREIGN KEY (`S_ID`) REFERENCES
`supplied`(`S_ID`) ON DELETE RESTRICT ON UPDATE RESTRICT;

ALTER TABLE `supplier_contact` ADD FOREIGN KEY (`S_ID`) REFERENCES
`supplier`(`S_ID`) ON DELETE RESTRICT ON UPDATE RESTRICT;

ALTER TABLE `supplier_products` ADD FOREIGN KEY (`S_ID`) REFERENCES
`supplier`(`S_ID`) ON DELETE RESTRICT ON UPDATE RESTRICT;

ALTER TABLE `transaction` ADD FOREIGN KEY (`C_ID`) REFERENCES
`customers`(`C_ID`) ON DELETE RESTRICT ON UPDATE RESTRICT; ALTER
TABLE `transaction` ADD FOREIGN KEY (`P_ID`) REFERENCES
`products`(`P_ID`) ON DELETE RESTRICT ON UPDATE RESTRICT; ALTER
TABLE `transaction` ADD FOREIGN KEY (`S_ID`) REFERENCES
`salesmen`(`S_ID`) ON DELETE RESTRICT ON UPDATE RESTRICT;

ALTER TABLE `workers_contact` ADD FOREIGN KEY (`W_ID`) REFERENCES
`workers`(`W_ID`) ON DELETE RESTRICT ON UPDATE RESTRICT;

ALTER TABLE `worker_production` ADD FOREIGN KEY (`W_ID`)
REFERENCES `workers`(`W_ID`) ON DELETE RESTRICT ON UPDATE
RESTRICT;
```

←----------SELECT TABELS----------→

```
SELECT * FROM `customers`;

SELECT * FROM `customer_contact`;

SELECT * FROM `products`;

SELECT * FROM `salesmen`;

SELECT * FROM `salesmen_contact`;

SELECT * FROM `supplied`;

SELECT * FROM `supplied_contact`;

SELECT * FROM `supplied_products`;

SELECT * FROM `supplier`;
```

```
SELECT * FROM `supplier_contact`;

SELECT * FROM `supplier_products`;

SELECT * FROM `transaction`;

SELECT * FROM `workers`;

SELECT * FROM `workers_contact`;

SELECT * FROM `worker_production`;
```