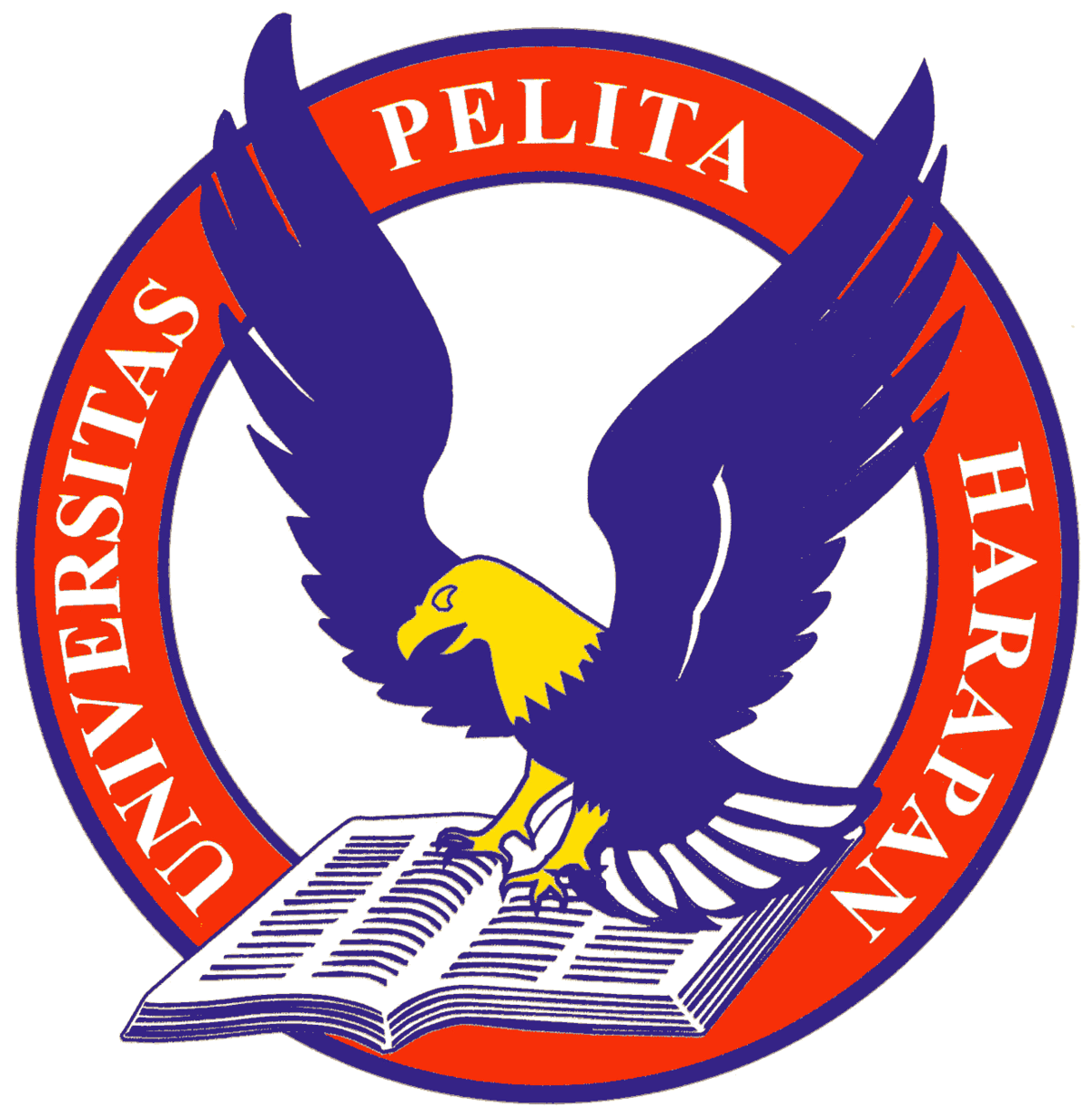
Basis Data

ERD Custom Car



Javier Jonatan 03081170025

Christopher Wijaya 03081170004

Brian Emerson 03081170001

17IS2

//Create Table

CREATE TABLE customer\_list

(customer\_id number(4) PRIMARY KEY ,

name VARCHAR2(40) NOT NULL ,

phone\_number VARCHAR2(16) NOT NULL ,

email VARCHAR2(40) NOT NULL ,

address VARCHAR2(100) NOT NULL ,

note VARCHAR2(100));

CREATE TABLE notification\_list

(user\_id number(4) NOT NULL ,

customer\_id number(4) NOT NULL ,

notification\_number number(4) PRIMARY KEY ,

message VARCHAR2(3000) NOT NULL,

urgency VARCHAR2(16) NOT NULL,

note VARCHAR2(100) ,

FOREIGN KEY (customer\_id) REFERENCES customer\_list(customer\_id) ,

FOREIGN KEY (user\_id) REFERENCES system\_user\_list(user\_id));

CREATE TABLE order\_list

(user\_id number(4) ,

customer\_id number(4) NOT NULL ,

design\_number number(4) ,

order\_number number(4) PRIMARY KEY ,

order\_item VARCHAR2(40) NOT NULL ,

order\_detail VARCHAR2(40) NOT NULL ,

order\_sum number(16) NOT NULL ,

note VARCHAR2(100) ,

FOREIGN KEY (customer\_id) REFERENCES customer\_list(customer\_id) ,

FOREIGN KEY (design\_number) REFERENCES design\_list(design\_number) ,

FOREIGN KEY (user\_id) REFERENCES system\_user\_list(user\_id));

CREATE TABLE sales\_invoice\_list

(user\_id number(4) ,

customer\_id number(4) NOT NULL ,

order\_number number(4) NOT NULL ,

invoice\_number number(4) PRIMARY KEY ,

invoice\_item VARCHAR2(40) NOT NULL ,

invoice\_detail VARCHAR2(40) NOT NULL ,

invoice\_sum number(16) NOT NULL ,

note VARCHAR2(100) ,

FOREIGN KEY (customer\_id) REFERENCES customer\_list(customer\_id) ,

FOREIGN KEY (order\_number) REFERENCES order\_list(order\_number) ,

FOREIGN KEY (user\_id) REFERENCES system\_user\_list(user\_id));

CREATE TABLE payment\_list

(user\_id number(4) ,

customer\_id number(4) NOT NULL ,

invoice\_number number(4) NOT NULL ,

payment\_number number(4) PRIMARY KEY ,

payment\_item VARCHAR2(40) NOT NULL ,

payment\_detail VARCHAR2(40) NOT NULL ,

payment\_sum number(16) ,

note VARCHAR2(100) ,

FOREIGN KEY (customer\_id) REFERENCES customer\_list(customer\_id) ,

FOREIGN KEY (invoice\_number) REFERENCES sales\_invoice\_list(invoice\_number) ,

FOREIGN KEY (user\_id) REFERENCES system\_user\_list(user\_id));

CREATE TABLE manufacture\_list

(user\_id number(4) ,

customer\_id number(4) NOT NULL ,

order\_number number(4) NOT NULL ,

design\_number number(4) NOT NULL ,

manufacture\_number number(4) PRIMARY KEY ,

manufacture\_item VARCHAR2(40) NOT NULL ,

manufacture\_detail VARCHAR2(40) NOT NULL ,

progress\_timeline VARCHAR2(40) NOT NULL ,

note VARCHAR2(100) ,

FOREIGN KEY (customer\_id) REFERENCES customer\_list(customer\_id) ,

FOREIGN KEY (order\_number) REFERENCES order\_list(order\_number) ,

FOREIGN KEY (user\_id) REFERENCES system\_user\_list(user\_id));

CREATE TABLE design\_list

(user\_id number(4) ,

customer\_id number(4) NOT NULL ,

catalog\_number number(4) NOT NULL ,

design\_number number(4) PRIMARY KEY ,

note VARCHAR2(100) ,

FOREIGN KEY (customer\_id) REFERENCES customer\_list(customer\_id) ,

FOREIGN KEY (catalog\_number) REFERENCES catalog\_list(catalog\_number) ,

FOREIGN KEY (user\_id) REFERENCES system\_user\_list(user\_id));

CREATE TABLE catalog\_list

(catalog\_number number(4) PRIMARY KEY ,

description VARCHAR2(1000) ,

note VARCHAR2(100));

CREATE TABLE system\_user\_list

(role\_id number(4) NOT NULL ,

user\_id number(4) PRIMARY KEY ,

name VARCHAR2(40) NOT NULL ,

division VARCHAR2(16) NOT NULL ,

position VARCHAR2(16) NOT NULL ,

phone\_number VARCHAR2(16) NOT NULL ,

email VARCHAR2(40) NOT NULL ,

address VARCHAR2(100) NOT NULL ,

note VARCHAR2(100) ,

FOREIGN KEY (role\_id) REFERENCES role\_list(role\_id));

CREATE TABLE role\_list

(role\_id number(4) PRIMARY KEY ,

permission\_level number(1) NOT NULL ,

description VARCHAR2(1000) NOT NULL ,

note VARCHAR2(100));

//Insert Data

INSERT INTO role\_list

VALUES ( 0001 , 1 , 'sysadmin' , '' );

INSERT INTO role\_list

VALUES ( 0002 , 0 , 'sales' , '' );

INSERT INTO role\_list

VALUES ( 0003 , 0 , 'engineer' , '' );

INSERT INTO catalog\_list

VALUES ( 0001 , 'Semi Gloss Metalic Taste' , '' );

INSERT INTO catalog\_list

VALUES ( 0002 , 'Rugged Camo Mode' , '' );

INSERT INTO catalog\_list

VALUES ( 0003 , 'Bluish Natural Pearl' , '' );

INSERT INTO system\_user\_list

VALUES ( 0001 , 0001 , 'John' , 'IT' , 'IT Manager' , '081122000039' , 'John.customcar@gmail.com' , 'jalan kemangi' , '' );

INSERT INTO system\_user\_list

VALUES ( 0002 , 0002 , 'Lie' , 'Sales' , 'Sales Leader' , '081233334559' , 'Lie.customcar@gmail.com' , 'jalan ampera' , '' );

INSERT INTO system\_user\_list

VALUES ( 0003 , 0003 , 'Bob' , 'Mechanic' , 'Head Engineer' , '098822314493' , 'Bob.customcar@gmail.com' , 'jalan sulang 2' , '' );

INSERT INTO customer\_list

VALUES ( 0001 , 'Budi' , '0827464562928' , 'budi@budi.com' , 'jalan tenggiri' , '' );

INSERT INTO customer\_list

VALUES ( 0002 , 'Bule' , '088764533364' , 'bule@bule.com' , 'jalan badak' , '' );

INSERT INTO customer\_list

VALUES ( 0003 , 'Susi' , '092744233384' , 'susi@susi.com' , 'jalan aspal' , '' );

INSERT INTO design\_list

VALUES ( 0002 , 0001 , 0001 , 0001 , 'Ferrari');

INSERT INTO design\_list

VALUES ( 0002 , 0002 , 0002 , 0002 , 'Ford');

INSERT INTO design\_list

VALUES ( 0002 , 0003 , 0003 , 0003 , 'Mercedes');

INSERT INTO order\_list

VALUES ( 0002 , 0001 , 0001 , 0001 , 'Ferrari' , 'Semi Gloss Metallic Taste , set no 2' , 3000000000 , '' );

INSERT INTO order\_list

VALUES ( 0002 , 0002 , 0002 , 0002 , 'Ford' , 'Rugged Camo Mode , set no 35' , 4500000000 , '' );

INSERT INTO order\_list

VALUES ( 0002 , 0003 , 0003 , 0003 , 'Mercedes' , 'Bluish Natural Pearl , set no 26' , 2500000000 , '' );

INSERT INTO sales\_invoice\_list

VALUES ( 0002 , 0001 , 0001 , 0001 , 'Ferrari' , 'Semi Gloss Metallic Taste , set no 2' , 3000000000 , '' );

INSERT INTO sales\_invoice\_list

VALUES ( 0002 , 0002 , 0002 , 0002 , 'Ford' , 'Rugged Camo Mode , set no 35' , 4500000000 , '' );

INSERT INTO sales\_invoice\_list

VALUES ( 0002 , 0003 , 0003 , 0003 , 'Mercedes' , 'Bluish Natural Pearl , set no 26' , 2500000000 , '' );

INSERT INTO payment\_list

VALUES ( 0002 , 0001 , 0001 , 0001 , 'Ferrari' , 'Semi Gloss Metallic Taste , set no 2' , 3000000000 , '' );

INSERT INTO payment\_list

VALUES ( 0002 , 0002 , 0002 , 0002 , 'Ford' , 'Rugged Camo Mode , set no 35' , 4500000000 , '' );

INSERT INTO payment\_list

VALUES ( 0002 , 0003 , 0003 , 0003 , 'Mercedes' , 'Bluish Natural Pearl , set no 26' , 2500000000 , '' );

INSERT INTO manufacture\_list

VALUES ( 0002 , 0001 , 0001 , 0001 , 0001 , 'Ferrari' , 'Semi Gloss Metallic Taste , set no 2' , '75%' , '' );

INSERT INTO manufacture\_list

VALUES( 0002 , 0002 , 0002 , 0002 , 0002 , 'Ford' , 'Rugged Camo Mode , set no 35' , '50%' , '' );

INSERT INTO manufacture\_list

VALUES ( 0003 , 0003 , 0003 , 0003 , 0003 , 'Mercedes' , 'Bluish Natural Pearl , set no 26' , '40&' , '' );

//Tampilkan Table

SELECT \* FROM customer\_list

SELECT \* FROM notification\_list

SELECT \* FROM order\_list

SELECT \* FROM sales\_invoice\_list

SELECT \* FROM payment\_list

SELECT \* FROM manufacture\_list

SELECT \* FROM design\_list

SELECT \* FROM catalog\_list

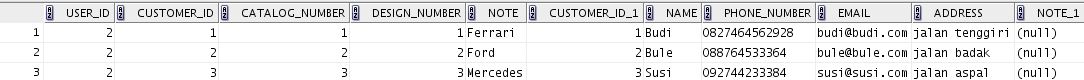
SELECT \* FROM system\_user\_list

SELECT \* FROM role\_list

//Join View

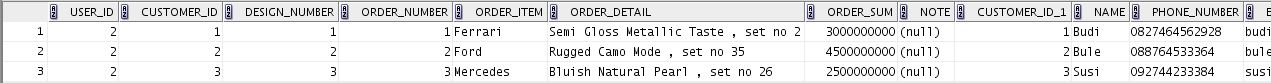
SELECT \*

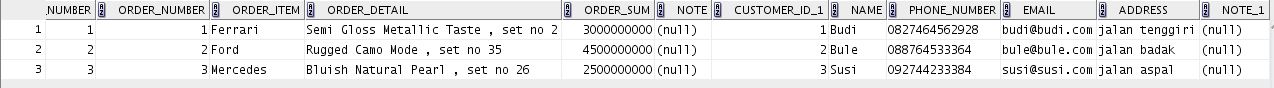
FROM design\_list a LEFT JOIN customer\_list b on a.customer\_id = b.customer\_id;



SELECT \*

FROM order\_list a LEFT JOIN customer\_list b on a.customer\_id = b.customer\_id;





SELECT \*

FROM system\_user\_list a LEFT JOIN role\_list b on a.role\_id = b.role\_id;

