Courier management system

SQL tables and procedures

SQL tables:

1. Customers table:

CREATE TABLE "SCOTT"."CUSTOMERS"

( "C\_NAME" VARCHAR2(255 BYTE),

"C\_CREDITCARD\_NUM" VARCHAR2(255 BYTE),

"C\_EMAIL" VARCHAR2(255 BYTE),

"C\_PASSWORD" VARCHAR2(254 BYTE),

"C\_PHONE" VARCHAR2(254 BYTE),

"C\_ADDRESS" VARCHAR2(255 BYTE),

PRIMARY KEY ("C\_EMAIL")

USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS

STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "USERS" ENABLE

) SEGMENT CREATION IMMEDIATE

PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING

STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "USERS" ;

1. Admin table:

CREATE TABLE "SCOTT"."ADMINS"

( "EMAIL" VARCHAR2(255 BYTE) NOT NULL ENABLE,

"ADMINPASSWORD" VARCHAR2(254 BYTE),

PRIMARY KEY ("EMAIL")

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TABLESPACE "USERS" ;

1. Complaints table:

CREATE TABLE "SCOTT"."COMPLAINS"

( "ORDER\_ID" VARCHAR2(255 BYTE) NOT NULL ENABLE,

"C\_EMAIL" VARCHAR2(255 BYTE) NOT NULL ENABLE,

"COMPLAINT\_CAT" VARCHAR2(20 BYTE) NOT NULL ENABLE,

"TITLE" VARCHAR2(255 BYTE) NOT NULL ENABLE,

"COMPLAINT" VARCHAR2(255 BYTE) NOT NULL ENABLE,

"STATUS" NUMBER,

FOREIGN KEY ("C\_EMAIL")

REFERENCES "SCOTT"."CUSTOMERS" ("C\_EMAIL") ENABLE

) SEGMENT CREATION IMMEDIATE

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STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

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TABLESPACE "USERS" ;

ALTER TABLE complains

ADD PRIMARY KEY (order\_id, c\_email);

1. Deliveries table (orders):

CREATE TABLE "SCOTT"."DELIVERIES"

( "DELIVERY\_ID" VARCHAR2(255 BYTE) NOT NULL ENABLE,

"C\_EMAIL" VARCHAR2(255 BYTE),

"D\_EMAIL" VARCHAR2(255 BYTE),

"DESTINATOIN\_ADDRESS" VARCHAR2(255 BYTE),

"SOURCE\_ADDRESS" VARCHAR2(255 BYTE),

"PAKAGE\_SIZE" NUMBER(\*,0),

"STATUS" VARCHAR2(255 BYTE),

"PROCESSDATE" DATE,

PRIMARY KEY ("DELIVERY\_ID")

USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS

STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

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PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "USERS" ;

1. Drivers table:

CREATE TABLE "SCOTT"."DRIVERS"

( "D\_NAME" VARCHAR2(255 BYTE),

"D\_CREDITCARD\_NUM" VARCHAR2(255 BYTE),

"D\_EMAIL" VARCHAR2(255 BYTE),

"D\_PASSWORD" VARCHAR2(254 BYTE),

"D\_PHONE" VARCHAR2(254 BYTE),

"D\_ADDRESS" VARCHAR2(255 BYTE),

PRIMARY KEY ("D\_EMAIL")

USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS

STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "USERS" ENABLE

) SEGMENT CREATION IMMEDIATE

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TABLESPACE "USERS" ;

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SQL procedures:

1. (view all order requests) procedure:

create or replace PROCEDURE view\_all\_requests

(all\_orders out sys\_refcursor)

as

begin

open all\_orders for

select \* from deliveries ;

end ;

1. (view customer info) procedure:

create or replace PROCEDURE viewCustInfo

(custInfo out sys\_refcursor)

as

begin

open custInfo for

select \* from customers ;

end ;

1. (view driver info) procedure:

create or replace PROCEDURE viewDriverInfo

(DriverInfo out sys\_refcursor)

as

begin

open DriverInfo for

select \* from drivers ;

end ;

1. (Delete driver row) procedure:

create or replace

PROCEDURE Delete\_Driver\_Row

(d\_email IN VARCHAR2)

AS

BEGIN

DELETE FROM drivers WHERE D\_EMAIL=d\_email ;

END;

1. (get user activities) procedure:

create or replace

PROCEDURE GETUSERACTIVITIES

(

customer\_email IN VARCHAR2,

customerOrders OUT NUMBER,

customerComplainments OUT NUMBER,

CusomerOrderTotalSizeSummation OUT NUMBER

)

AS

BEGIN

SELECT Count(c\_email), SUM(deliveries.pakage\_size) INTO customerOrders, CusomerOrderTotalSizeSummation

From deliveries

Where deliveries.c\_email = customer\_email;

SELECT Count(complains.c\_email)INTO customerComplainments

From complains

WHERE complains.c\_email = customer\_email;

END;

1. (customer orders):

create or replace PROCEDURE customer\_orders

(

customer\_id IN VARCHAR2,

orders OUT sys\_refcursor

)

AS

BEGIN

OPEN orders FOR

SELECT \*

FROM deliveries

WHERE deliveries.C\_EMAIL = customer\_id;

END;

1. (view orders info):

create or replace PROCEDURE viewOrdersInfo

(ordersInfo out sys\_refcursor)

as

begin

open ordersInfo for

select \* from deliveries ;

end ;

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SQL insertion code :

--INSERT ADMIN

INSERT INTO admins(email, adminpassword)

VALUES ( 'admin@a.com', 'admin' );

--INSERT CUSTOMERS

INSERT INTO customers (c\_email, c\_name, c\_creditcard\_num, c\_password , c\_phone , c\_address)

VALUES ('menna@gmail.com' , 'Menna Ahmed', '3742454554001264' , 'Menna' ,'01043354492', 'Shorouq' );

INSERT INTO customers (c\_name , c\_creditcard\_num , c\_email , c\_password , c\_phone , c\_address)

VALUES ('Yasser Mohamed' , '6000123478651002', 'yasser12@gmail.com' , 'Yasser' ,'01568891109', 'October' );

INSERT INTO customers (c\_name , c\_creditcard\_num , c\_email , c\_password , c\_phone , c\_address)

VALUES ('Amr Ahmed' , '3564243510098978', 'amr2001@gmail.com' , 'Amr' ,'01567541000', 'Maadi' );

INSERT INTO customers (c\_name , c\_creditcard\_num , c\_email , c\_password , c\_phone , c\_address)

VALUES ('Abdulrahman Magdy' , '6000123457571200', 'am2003@gmail.com' , 'Abdo' ,'01143363333', 'Dokki' );

INSERT INTO customers (c\_name , c\_creditcard\_num , c\_email , c\_password , c\_phone , c\_address)

VALUES ('Aya Abdelhaq' , '2323100945451234', 'aya@gmail.com' , 'Aya' ,'01022757240', 'Nasr city' );

INSERT INTO customers (c\_name , c\_creditcard\_num , c\_email , c\_password , c\_phone , c\_address)

VALUES ('Heba Khaled' , '7909065720034545', 'heba\_ma@gmail.com' , 'Heba' ,'01090954569', 'Shobra' );

INSERT INTO customers (c\_name , c\_creditcard\_num , c\_email , c\_password , c\_phone , c\_address)

VALUES ('Jana Akram' , '6789123440002001', 'jana@gmail.com' , 'Jana' ,'01566771000', 'Obour city' );

INSERT INTO customers (c\_name , c\_creditcard\_num , c\_email , c\_password , c\_phone , c\_address)

VALUES ('Hany Tawfiq' , '5000600169001222', 'hanyoff@gmail.com' , 'Hany' ,'01125579900', 'Nozha city' );

INSERT INTO customers (c\_name , c\_creditcard\_num , c\_email , c\_password , c\_phone , c\_address)

VALUES ('Asaad Mohamed' , '4000123478786958', 'asaad@gmail.com' , 'Asaad' ,'01092673820', 'Salam city' );

INSERT INTO customers (c\_name , c\_creditcard\_num , c\_email , c\_password , c\_phone , c\_address)

VALUES ('Abdalla Ayman' , '6785111238674545', 'abdallaayman91@gmail.com' , 'Abdalla' ,'01090923740', 'Obour city ' );

--INSERT DRIVERS

INSERT INTO drivers(d\_name , d\_creditcard\_num , d\_email , d\_password , d\_phone , d\_address)

VALUES ('abdulrahman Amr' , '1000200030004000', 'abdod1@gmail.com' , 'Abdo' ,'01143356672', 'helioplis' );

INSERT INTO drivers(d\_name , d\_creditcard\_num , d\_email , d\_password , d\_phone , d\_address)

VALUES ('mohamed Alaa' , '1000922245661000', 'mohamed@gmail.com' , 'Mohamed' ,'01234456289', 'attaba' );

INSERT INTO drivers(d\_name , d\_creditcard\_num , d\_email , d\_password , d\_phone , d\_address)

VALUES ('kareem mohamed' , '1000489524562000', 'kareem@gmail.com' , 'kareem' ,'01056977565', 'nasr city' );

INSERT INTO drivers(d\_name , d\_creditcard\_num , d\_email , d\_password , d\_phone , d\_address)

VALUES ('sleem ahmed' , '1000884565428000', 'sleem@gmail.com' , 'sleem' ,'01153958756', 'shobra' );

INSERT INTO drivers(d\_name , d\_creditcard\_num , d\_email , d\_password , d\_phone , d\_address)

VALUES ('yousef mohamed' , '1000895462697000', 'yousef@gmail.com' , 'yousef' ,'01006584963', 'hadayk el kobba' );

INSERT INTO drivers(d\_name , d\_creditcard\_num , d\_email , d\_password , d\_phone , d\_address)

VALUES ('baher ashraf' , '1000568956789000', 'baher@gmail.com' , 'baher' ,'01256587950', 'koleyt el banat' );

INSERT INTO drivers(d\_name , d\_creditcard\_num , d\_email , d\_password , d\_phone , d\_address)

VALUES ('kamel mohamed' , '1000456879955000', 'kamel@gmail.com' , 'kamel' ,'01115689756', 'fifth settlement' );

INSERT INTO drivers(d\_name , d\_creditcard\_num , d\_email , d\_password , d\_phone , d\_address)

VALUES ('sherif amin' , '1000546578564000', 'sherif@gmail.com' , 'sherif' ,'01148984553', 'nasr city' );

--INSERT DELIVERIES(ORDERS)

INSERT INTO deliveries(delivery\_id , c\_email , d\_email , destinatoin\_address , source\_address, pakage\_size ,status , processdate)

Values ('09f-48ff-81b2-5b52051c3b3e' ,'abdallaayman91@gmail.com','abdod1@gmail.com','shobra','obour','30','done','28-APR-23');

INSERT INTO deliveries(delivery\_id , c\_email , d\_email , destinatoin\_address , source\_address, pakage\_size ,status , processdate)

VALUES('a36-4515-948b-3c3d6692e0ed','menna@gmail.com','mohamed@gmail.com','shobra','obour','12','done','28-APR-23');

INSERT INTO deliveries(delivery\_id , c\_email , d\_email , destinatoin\_address , source\_address, pakage\_size ,status , processdate)

VALUES ('d3f-48d6-9f8c-bd696ac03c54','abdallaayman91@gmail.com', 'abdod1@gmail.com' ,'attaba','ainshams','65','done' ,'28-APR-23');

INSERT INTO deliveries(delivery\_id , c\_email , d\_email , destinatoin\_address , source\_address, pakage\_size ,status , processdate)

VALUES('d9b-46b0-9c62-866474d1f0f5','menna@gmail.com','abdod1@gmail.com','Nozha','shobra elkeima' , '23' ,'done','28-APR-23');

INSERT INTO deliveries(delivery\_id , c\_email , d\_email , destinatoin\_address , source\_address, pakage\_size ,status , processdate)

VALUES ('d9b-46b0-9c62-866474d1a1f5','yasser12@gmail.com','mohamed@gmail.com','tahrir square' ,'obour' , '54' , 'accepted','29-APR-23');

INSERT INTO deliveries(delivery\_id , c\_email , d\_email , destinatoin\_address , source\_address, pakage\_size ,status , processdate)

VALUES ('d9b-46b0-9c62-866474d1a158','asaad@gmail.com','mohamed@gmail.com', 'october','10th of ramadan' ,'60' , 'accepted' ,'29-APR-23');

INSERT INTO deliveries(delivery\_id , c\_email , d\_email , destinatoin\_address , source\_address, pakage\_size ,status , processdate)

VALUES('d9b-46b0-9c62-866474d1a160' ,'menna@gmail.com' ,'abdod1@gmail.com' , 'ainshams' ,'attaba' ,'17' ,'accepted' ,'29-APR-23');

INSERT INTO deliveries(delivery\_id , c\_email , d\_email , destinatoin\_address , source\_address, pakage\_size ,status , processdate)

VALUES('d3f-48d6-9f8c-bd696ac03c67','abdallaayman91@gmail.com','sleem@gmail.com','obour','nozha','25','accepted','29-APR-23');

INSERT INTO deliveries(delivery\_id , c\_email , d\_email , destinatoin\_address , source\_address, pakage\_size ,status , processdate)

VALUES('d9b-4t60-9c62-866474d1a158','abdallaayman91@gmail.com','','tagamo el kames', 'shobra' ,'45','pending approval','30-APR-23');

INSERT INTO deliveries(delivery\_id , c\_email , d\_email , destinatoin\_address , source\_address, pakage\_size ,status , processdate)

VALUES('d9b-4t60-9c62-86dd44d1a158','menna@gmail.com','','shorouq city', 'nozha' ,'7','pending approval','30-APR-23');

INSERT INTO deliveries(delivery\_id , c\_email , d\_email , destinatoin\_address , source\_address, pakage\_size ,status , processdate)

VALUES('d9b-4t60-9c62-866474d1a328','abdallaayman91@gmail.com','','ainshams', 'obour' ,'25','pending approval','30-APR-23');

--Insert Complaints

INSERT INTO complains(complaint, order\_id, complaint\_cat, c\_email, status , title)

VALUES('order shipped lately' ,'09f-48ff-81b2-5b52051c3b3e','arrival\_time','abdallaayman91@gmail.com','1','complaint title');

INSERT INTO complains(complaint, order\_id, complaint\_cat, c\_email, status, title)

VALUES('high cost of shippment' ,'a36-4515-948b-3c3d6692e0ed','cost','menna@gmail.com','1','complaint title');

INSERT INTO complains(complaint, order\_id, complaint\_cat, c\_email, status, title)

VALUES ('The driver asked for tips','d3f-48d6-9f8c-bd696ac03c54','driver\_behaviour','abdallaayman91@gmail.com','0','complaint title');

INSERT INTO complains(complaint, order\_id, complaint\_cat, c\_email, status, title)

VALUES ('the driver didnot receive the shipment yet ' ,'d3f-48d6-9f8c-bd696ac03c67','arrival\_time','abdallaayman91@gmail.com','1','complaint title');

INSERT INTO complains(complaint, order\_id, complaint\_cat, c\_email, status, title)

VALUES ('the driver didnot receive the shipment yet ' ,'d9b-46b0-9c62-866474d1a158','arrival\_time','asaad@gmail.com','0','complaint title');