**Tables:**

CREATE TABLE users (

id NUMBER NOT NULL,

name VARCHAR(100) NOT NULL,

email VARCHAR(100) NOT NULL UNIQUE,

phone\_number VARCHAR(20) NOT NULL,

password VARCHAR(255) NOT NULL,

balance NUMBER(11) NOT NULL,

isAdmin Number(1) NOT NULL,

CONSTRAINT PK\_USERS PRIMARY KEY (id)

);

CREATE TABLE trips (

id NUMBER NOT NULL,

departure\_location VARCHAR(100) NOT NULL,

departure\_time TIMESTAMP(0) NOT NULL,

arrival\_location VARCHAR(100) NOT NULL,

arrival\_time TIMESTAMP(0) NOT NULL,

price DECIMAL(10, 2) NOT NULL,

available\_seats\_no INT NOT NULL,

CONSTRAINT PK\_TRIPS PRIMARY KEY (id)

);

CREATE TABLE reservations (

id NUMBER NOT NULL,

user\_id NUMBER NOT NULL,

trip\_id NUMBER NOT NULL,

amount DECIMAL(10, 2) NOT NULL,

payment\_method VARCHAR(50) NOT NULL,

FOREIGN KEY (user\_id) REFERENCES users(id),

FOREIGN KEY (trip\_id) REFERENCES trips(id),

CONSTRAINT PK\_RESERVATIONS PRIMARY KEY (id)

);

CREATE TABLE refunds (

id NUMBER NOT NULL,

user\_id NUMBER NOT NULL,

reservation\_id NUMBER NOT NULL,

amount DECIMAL(10, 2) NOT NULL,

reason VARCHAR(255) NOT NULL,

status NUMBER NOT NULL,

FOREIGN KEY (user\_id) REFERENCES users(id),

FOREIGN KEY (reservation\_id) REFERENCES reservations(id),

CONSTRAINT PK\_REFUNDS PRIMARY KEY (id)

);

**Stored Procedures:**

CREATE OR REPLACE PROCEDURE GetMaxUserID(UID OUT NUMBER)

AS

BEGIN

SELECT MAX(id)

INTO UID

FROM users;

END;

create or replace procedure GetTrips

(allTrips out sys\_refcursor)

as

begin

open allTrips for

select \*

from trips;

end;