CAB BOOKING

Table Creation

APRIL 16, 2019

DBMS PL/SQL

1. DRIVER:

SQL> create table driver(driver_id int PRIMARY KEY,first_name varchar(128),last_name varchar(128),birth_date date,driving_licence_number varchar(128),expiry_date date,working char(1));

2. CAR_MODEL:

SQL> create table car_model(model_name

varchar(64) PRIMARY KEY,model_description varchar(500));

3. OWNER:

SQL> create table owner(owner_id int PRIMARY KEY,name varchar(100));

4. CAB:

```
SQL> create table cab (cab_id int PRIMARY KEY,
   licence_plate varchar(32),
   manufacture_year int,
   owner_id int NOT NULL,
    model_name varchar2(64)
   );

 alter table cab
 add constraint fk123 FOREIGN KEY (model_name)
 references car_model(model_name);

 alter table cab
 add constraint f.. FOREIGN KEY (owner_id)
references owner(owner_id);
```

5. PAYMENT_TYPE:

```
SQL> create table payment_type(payment_id int,type_name varchar(128));

SQL> alter table payment_type
   add constraint fkp FOREIGN KEY (payment_id) references cab_ride(payment_id);
```

6. CAB_RIDE:

```
SQL> create table cab_ride(cab_id int,cust_id int,ride_start_time timestamp,
   ride_end_time timestamp,jfrom varchar(200),
   jto varchar(200),cancelled char(1),payment_id int,charges int);

 SQL> alter table cab_ride
add constraint fk_cab FOREIGN KEY (cust_id) REFERENCES customer(cust_id);

SQL> alter table cab_ride
   add constraint fk_cab21 FOREIGN KEY (cab_id) REFERENCES cab(cab_id);

SQL> alter table cab_ride
 add constraint up UNIQUE(payment_id);
```

7. DISTANCE_MAP:

```
SQL> create table distance_map(jfrom varchar(30),jto varchar(30),dis number);

SQL> alter table distance_map
   add constraint pk PRIMARY KEY (jfrom,jto);
```

8. CUSTOMER:

SQL> create table customer (cust_id int PRIMARY KEY,pass varchar(10),cust_name varchar(100),email varchar(100),contact number,vpa varchar(100));

9. CAB_RIDE_HISTORY:

SQL> create table cab_ride_history(cab_id int,cust_id int,ride_start_time timestamp,
ride_end_time timestamp,jfrom varchar(200),
jto varchar(200),cancelled char(1),payment_id int,charges int);

10. DRIVER_CAB

SQL> create table driver_cab(driver_id number PRIMARY KEY,cab_id number);

SQL> alter table driver_cab
add constraint fk FOREIGN KEY (driver_id) references driver(driver_id);