DDL Statements

```sql
create table vehicle_types (

        type_id serial NOT NULL PRIMARY KEY ,

        wheels int NOT NULL CHECK(wheels>=2 AND wheels<=12),

        type_name varchar(20) NOT NULL

);


create table vehicle_types (

        type_id serial NOT NULL PRIMARY KEY ,

        wheels int NOT NULL CHECK(wheels>=2 AND wheels<=12),

        type_name varchar(20) NOT NULL

);


create table vehicle_models (

        model_id serial NOT NULL PRIMARY KEY,

        model_name varchar(20) NOT NULL,

        unit_type varchar(5) NOT NULL,

        cubic_cm int NOT NULL,

        manu_id int NOT NULL REFERENCES manufacturers(manu_id) ON
DELETE RESTRICT ON UPDATE CASCADE,

        type_id int NOT NULL REFERENCES vehicle_types(type_id) ON DELETE
RESTRICT ON UPDATE CASCADE
)


create table customers (

        cid serial PRIMARY KEY,
```

```sql
        cname varchar(50) NOT NULL,

        cemail varchar(30) NOT NULL,

        ccontact bigint NOT NULL check(ccontact>0) UNIQUE,

        caddress varchar(100) NOT NULL
)


create table manufacturers(

        manu_id serial PRIMARY KEY,

        manu_name varchar(50) NOT NULL,

        manu_address varchar(100) NOT NULL,

        manu_contact bigint NOT NULL,

        manu_email varchar(30) NOT NULL
)



create table payments (

        pay_id serial PRIMARY KEY,

        amount numeric(7) NOT NULL,

        pay_mode varchar(10) check(pay_mode in('cash','cheque','card'))
)


create table service_providers(

        pro_id serial PRIMARY KEY,

        pro_name varchar(20) NOT NULL,

        pro_address varchar(100) NOT NULL,

        pro_branch varchar(20) UNIQUE,
```

```sql
        pro_contact bigint NOT NULL,

        pro_email varchar(30)

)


create table staff_details(

        staff_id serial PRIMARY KEY,

        staff_name varchar(50) NOT NULL,

        staff_contact bigint NOT NULL,

        pro_id int NOT NULL REFERENCES service_providers (pro_id) ON DELETE
RESTRICT ON UPDATE CASCADE

)


CREATE TABLE vehicles (

  vehicle_id int PRIMARY KEY,

  engine_no varchar(20) NOT NULL,

  regis_no varchar(20) NOT NULL,

  cid int NOT NULL REFERENCES customers (cid) ON DELETE RESTRICT ON
UPDATE CASCADE,

  model_id int NOT NULL REFERENCES vehicle_models (model_id) ON DELETE
RESTRICT ON UPDATE CASCADE

)


create table services(

        service_id serial PRIMARY KEY,

        service_info varchar(100),

        service_mode varchar(10) check(service_mode in('free','paid')),
```

vehicle_id int NOT NULL REFERENCES vehicles (vehicle_id) ON DELETE RESTRICT ON UPDATE CASCADE,

staff_id int NOT NULL REFERENCES staff_details (staff_id) ON DELETE RESTRICT ON UPDATE CASCADE,

pay_id int NOT NULL REFERENCES payments (pay_id) ON DELETE RESTRICT ON UPDATE CASCADE

)