**Schema design of Ride Sharing Application**

1. create database Ride\_Sharing\_Application;
2. use Ride\_Sharing\_Application;
3. create table driver(

driver\_id int primary key auto\_increment,

name varchar(50) not null,

location varchar(50) not null,

contact bigint not null unique,

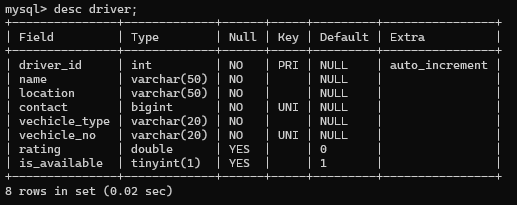
vechicle\_type varchar(20) not null check(vechicle\_type in ('Car','Bike')),

vechicle\_no varchar(20) not null unique ,

rating double default 0 check(rating between 0 and 5),

is\_available tinyint(1) default '1'

);



1. create table user(

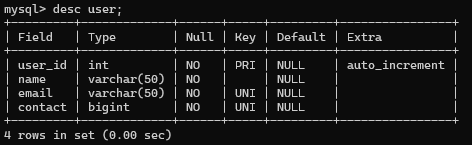
user\_id int primary key auto\_increment,

name varchar(50) not null,

email varchar(50) not null unique check(email like '%\_@\_%.\_%%'),

contact bigint not null unique

);



1. create table rides(

ride\_id int primary key auto\_increment,

user\_id int not null,

driver\_id int not null,

foreign key(user\_id) references user(user\_id),

foreign key(driver\_id) references driver(driver\_id),

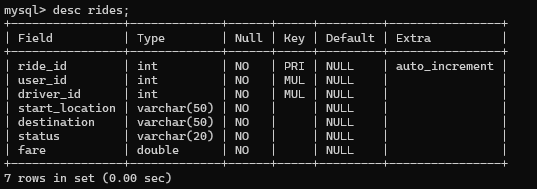
start\_location varchar(50)not null,

destination varchar(50) not null,

status varchar(20) not null check(status in ('Completed','In progress')),

fare double not null check(fare>=0)

);



1. create table rating(

rating\_id int primary key auto\_increment,

user\_id int not null,

driver\_id int not null,

ride\_id int not null,

foreign key(user\_id) references user(user\_id),

foreign key(driver\_id) references driver(driver\_id),

foreign key(ride\_id) references rides(ride\_id),

rating int not null default 0 check(rating between 0 and 5),

review varchar(50)

);

