# MySQL Commands for DBMS Mini Project

For Creating Car Rental Database:

create database car\_rental;

use car\_rental;

For creating Customers Table:

create table Customers (Id int primary key, AdhaarNo varchar(12) unique not null, DrivingLicense varchar(20) unique not null, Adress varchar(30) not null, CurrentAddress varchar(30) not null);

For creating Rental Shops Table:

create table RentalShops (Id varchar (20) primary key, Location varchar(30) not null, Ratings int);

For creating Vehicles Table:

create table Vehicles (NoPlate varchar(20) primary key, Type varchar(10), Model varchar(10) not null, RentalId varchar (20), Foreign Key (RentalId) references RentalShops(Id) on delete cascade);

For creating Reservations Table:

create table Reservation(Re\_id varchar(10) primary key, Cus\_id int not null, Location varchar (30) not null, TimeSlot Time not null, DateSlot Date not null, VehicleId varchar(20), Foreign Key (Cus\_id) references Customers(Id), Foreign Key (VehicleId) references Vehicles(NoPlate) on delete cascade);

For creating Instant Orders Table:

create table InstantOrders (Ord\_id varchar(10) primary key, Cus\_id int not null, Location varchar (30) not null, TimeSlot Time not null, VehicleId varchar(10) not null, Foreign Key (Cus\_id) references Customers(Id), Foreign Key (VehicleId) references Vehicles(NoPlate) on delete cascade);

For creating Feedbacks Table:

create table Feedbacks (Ord\_id varchar(10) unique, Res\_id varchar(10) unique, Info varchar(100), Foreign Key(Ord\_id) references InstantOrders(Ord\_id), Foreign Key(Res\_id) references Reservation(Re\_id) on delete cascade);

For creating Subscriptions Table:

create table Subscriptions(Type varchar(20) not null, Benefits varchar(20) not null, Cus\_id int not null, Discounts double(3,2), Foreign Key (Cus\_id) references Customers (Id) on delete cascade);

For creating Extra Charges Table:

create table ExtraCharges(Ord\_id varchar(10), Re\_id varchar(10), Amount double(5,2) not null, Reason varchar(30), Foreign Key (Ord\_id) references InstantOrders(Ord\_id), Foreign Key (Re\_id) references Reservation(Re\_id));

For creating Payments Table:

create table Payments(TransactionId varchar(20) primary key, Cus\_id int not null, Discounts double(3,2), Extra double(5,2), Foreign Key (Cus\_id) references Customers(Id) on delete cascade);