DOCUMENT FOR BUS BOOKING SYSTEM

I have created this project with the help of mysql.connector instead of mysqlite3.

To : Guna

from : Gwalior

date:2022-12-01

Steps for SQL:

Install MySQL command line client

Set password RsA%9V27 at the time of installation

MySQL Installation  
Watch YouTube video to download correct version of MySQL (GPL) and Installation steps. <https://www.youtube.com/watch?v=mezkwKb_kkc>

Or directly go to link

<https://dev.mysql.com/downloads/>

After installation execute following queries:

Create database bus\_booking;

Use busbooking;

Create table operators(o\_id int, name varchar(20), address varchar(30) ,phone\_no int, email varchar (30));

Create table routes(route\_id int, station\_name varchar(20), station\_id int);

Create table buses(bus\_id int, bus\_type varchar(20), capacity int, fare int, op\_id int, r\_id int);

Create table runs(bus\_id int, running\_date date , seats\_available int);

Create table passengers(booking\_ref int primary key , name varchar(20), age int, gender varcahr(20), no\_of\_seats int, phone\_no source varchar(20),destination varchar(20),bus\_id int, travel\_date date, op\_name varchar(20),tot\_fare int);

alter table bus add constraint bus\_pk primary key(bus\_id);

alter table operators add constraint op\_pk primary key(o\_id);

alter table buses add constraint bus\_fk1 foreign key(op\_id) references operators(o\_id);

alter table buses add constraint bus\_fk2 foreign key(r\_id) references routes(route\_id);

alter table runs add constraint run\_fk foreign key(bus\_id) references buses(bus\_id);

After this use the python project or mysql command line to input data in the tables.

Input in the following order-

1. new operator,
2. new route,
3. new bus,
4. new run

DATABASE



