DOCUMENT FOR BUS BOOKING SYSTEM

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

To : lucknow

from : guna

date:2022-11-30

Steps for SQL:

Install MySQL command line client

Set password Piyush@123 at the time of installation

OR you can change project file by your own SQL password

Line number 3 in every sql.connect

mydb=sql.connect(

host='localhost',

user='root',

passwd='Piyush@123',

database='busbooking'

)

mycursor=mydb.cursor()

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 busbooking;

Use busbooking;

Create table operator(OP\_ID int, Name varchar(20), Address varchar(30) ,Phone\_no int, Email varchar (30));

Create table route(RT\_ID int, St\_Name varchar(20), St\_ID int);

Create table bus(Bus\_ID int, Bus\_type varchar(20), capacity int, Fare int, Opr\_ID int, Route\_ID int);

Create table running(Bs\_ID int, Rn\_dt date , seat\_avl int);

Create table passenger(name varchar(20), no\_seat int, age int, booking\_ref int Auto\_increment, travel\_on date, desti varchar(20), gender varchar(15), ph\_no int ,fare int, bus\_dt varchar(20), booked\_on date, bording\_pt varchar(20),primary key(booking\_ref ));

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

alter table operator add constraint op\_pk primary key(OP\_ID);

alter table bus add constraint bus\_fk foreign key(Opr\_ID) references operator(OP\_ID);

alter table running add constraint run\_fk foreign key(Bs\_ID) references bus(Bus\_ID);

insert into operator values(1,”kamla”,”ruthiyai”,123456,”kamla@g.com”);

insert into operator values(2,”shatabdi”,”raghogarh”,123456789,”shatabdi@g.com”);

insert into bus values(100,”2x2”,20,1000,1,10);

insert into bus values(200,”AC 2x2”,20,2000,2,20);

insert into running values(100,”2022-11-30”,15);

insert into running values(200,”2022-11-30”,10);

insert into route values(10,”lucknow”,32);

insert into route values(10,”guna”,50);

insert into route values(20,”lucknow”,32);

insert into route values(20,”guna”,50);

DATABASE



