BMS COLLEGE OF ENGINEERING

(Autonomous College under VTU)
Bull Temple Road, Basavanagudi, Bangalore – 560019

A project report on

"Online Bus Reservation System"

Submitted in partial fulfillment of the requirements for the award of degree

BACHELOR OF ENGINEERING

IN

Department of Information Science and Engineering

By

L Chinmay

1BM18IS050

Under the guidance of

Sindhu K

Assistant Professor

BMS COLLEGE OF ENGINEERING
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Department of Information Science and Engineering

<u>CERTIFICATE</u>

This is to certify that the project entitled "**ONLINE BUS RESERVATION SYSTEM**" is a bona-fide work carried out by **L Chinmay (1BM18IS050)** in partial fulfillment for the award of degree of Bachelor of Engineering in **Information Science and Engineering** from **Visvesvaraya Technological University, Belgaum** during the year **2019-2020**. It is certified that all corrections/suggestions indicated for Internal Assessments have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the Bachelor of Engineering Degree.

Signature of the Faculty   **Signature of the HOD**

Sindhu K   **Dr. M Dakshayini**

                                                                        Professor &

Associate Professor   Head - Department of Information Science and Engineering

Table of Contents

INTRODUCTION:

PURPOSE:

The purpose of Bus Ticket Reservation System is to automate the existing manual system by the help of computerized equipments and full- fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing ans manipulation of the same. The organization can maintain computerized records without redundant entries. That means one need not be distracted by information that is not relevant, while being able to reach information.

So Bus Reservation System deals with maintenance of records of details of each passenger who has reserved a seat for a journey. It also includes maintenance of information of each bus. Working of the Bus Reservation System involves many operations, which have to be done manually. It takes a lot of time and causes many disputes with customers. To solve this problem, and further for maintaining the record of items,seat,passenger,availability of seats, price for seat and other things, I am proposing this proposal of Bus Ticket Reservation System. By using this software, we can reserve tickets for a bus from any part of the world. This project checks all sorts of constraints so that the user does give only useful data and validation is done in an effective way.

SCOPE:

The "**Online Bus Ticket Reservation System**" has been developed to override the problems prevailing in the practicing manual system. This software us supported to eliminate and in some cases reduce the hardships faced by this existing system. Moreover this system is designed for the particular need of the company to carry out operations in a smooth and effective manner.

The application is reduced as much as possible to avoid errors while entering the data. No formal knowledge is needed for the user to use this system. Thus by this, all it proves it is user-friendly. Bus Ticket Reservation System , as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping.

SOFTWARE REQUIREMENT SPECIFICATION

SOFTWARE REQUIREMENT:

- RDBMS used: MySQL version 14.14
- Operating System used: Ubuntu 18.04 (LINUX)
- Script Language used: PHP 7.4.6
- HTML and CSS
- Editor: Sublime Text

HARDWARE REQUIREMENT:

- Processor Requirement: Intel core i5
- Memory Required: 2GB or more
- Hard Disk: 40 GB or more
- 15 MB Secondary memory or more
- 250 MB available hard drive space
- CD-ROM drive

FUNCTIONALITY

In Online Bus Reservation System, the administrator has to keep the data of all the information about the buses and their companies,the places they travel and passengers. RDBMS database is used to store and maintain all these data. **places** table created to store the information about the places (id,name and state). **companies** table is used to store the information about the companies (id,name and headquarters) . **buses** table is used to store the information about the buses (id,name,company-id,number of seats, starting point, destination point, time at which the journey begins, time at which the journey ends and the price). **seats** table is used to store the information about a particular seat whether a particular seat is already booked or not (bus-id,seatno and availibility). **passenger** table is used to store the information about all the
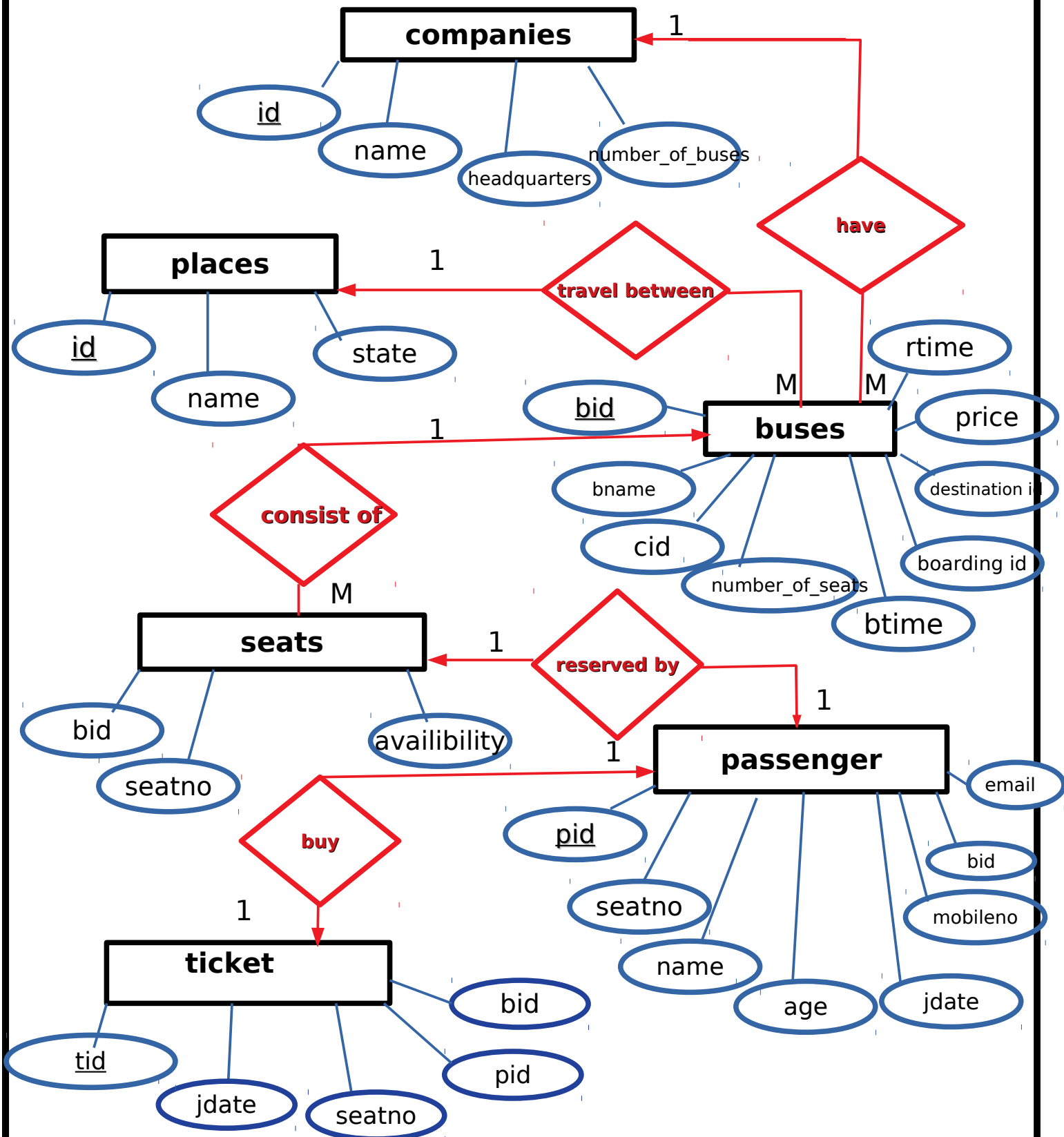
passengers (id,name,age,mobile no,email, bus-id, seat no and journey-date). **ticket** table is used to store the information of the ticket. MySQL is the Structured Query Language used to handle the date and to transfer the data to and from the database.

HTML 5 is the scripting language used to develop the website. In PAGE 1 a form is created to enter the date of journey, starting-point and the destination place. Once the user clicks on **SUBMIT**, name,time at which journey begins,time at which journey ends, company name and price of all the buses are displayed which travels between the entered places in PAGE 2. When the user selects the bus and clicks on **SUBMIT**, all the seats are displayed in PAGE 3. Already booked seats are colored white and the seats which are not reserved are colored black. When user selects one or more seats he has to enter his information i.e, name, age, contact number and e-mail id and click on **SUBMIT** in PAGE 4. In PAGE 5, user has to enter the payment information i.e, Name on card, Card-number,Expiry month,Expiry-year and CVV and click on **PAY**. In PAGE 6, Passenger name,age, Contact number,e-mail,bus name,seatno, journey time and amount paid are displayed. When the user clicks on **THANK YOU**, booking is confirmed.

PHP is the language used to connect back-end to front-end. So whenever the user enters the data, it is inserted into the database table using PHP and MySQL. And to retrieve any data from the database table, query is written nin MySQL and it is either displayed or further used with the help of PHP.

CSS (Cascading Style Sheets) is used to add further animations and positioning to the HTML elements. Thus, CSS is used to design the website.

E – R DIAGRAM

companies
- id
- name
- headquarters
- number_of_buses

have — 1 — M

places
- id
- name
- state

travel between — 1 — M

buses
- bid
- rtime
- price
- destination id
- boarding id
- btime
- number_of_seats
- cid
- bname

consist of — 1 — M

seats
- bid
- seatno
- availibility

reserved by — 1 — 1

passenger
- pid
- email
- bid
- mobileno
- jdate
- age
- name
- seatno

buy — 1 — 1

ticket
- tid
- jdate
- seatno
- pid
- bid

RELATIONAL SCHEMA

companies

Field	Type	Null	Key	Default	Extra
id	int(11)	NO	PRI	NULL	
name	varchar(20)	YES		NULL	
headquarters	varchar(20)	YES		NULL	
number_of_buses	int(11)	YES		NULL	

places

Field	Type	Null	Key	Default	Extra
id	int(11)	NO		NULL	
name	varchar(30)	NO	PRI	NULL	
state	varchar(30)	YES		NULL	

seats

Field	Type	Null	Key	Default	Extra
bid	int(11)	YES	MUL	NULL	
seatno	int(11)	YES		NULL	
availibility	char(4)	YES		NULL	

buses

Field	Type	Null	Key	Default	Extra
cid	int(11)	YES	MUL	NULL	
cname	varchar(30)	YES		NULL	
number_of_seats	int(11)	YES		NULL	
source	varchar(30)	YES	MUL	NULL	
destination	varchar(30)	YES	MUL	NULL	
price	float	YES		NULL	
bid	int(11)	NO	PRI	NULL	
bname	varchar(30)	YES		NULL	

passenger

Field	Type	Null	Key	Default	Extra
pid	int(11)	NO	PRI	NULL	
name	varchar(30)	YES		NULL	
age	int(11)	YES		NULL	
email	varchar(30)	YES		NULL	
bid	int(11)	YES	MUL	NULL	
seatno	int(11)	YES		NULL	
mobileno	bigint(20)	YES		NULL	
jdate	varchar(20)	YES		NULL	

ticket

```
+--------+--------------+-------+-------+---------+-------+
| Field  | Type         | Null  | Key   | Default | Extra |
+---------+--------------+-------- +------+---------+-------+
| tid     | int(11)     | NO    | PRI   | NULL    |       |
| pid     | int(11)     | YES   | MUL   | NULL    |       |
| bid     | int(11)     | YES   | MUL   | NULL    |       |
| seatno  | int(11)     | YES   |       | NULL    |       |
| jdate   | varchar(20) | YES   |       | NULL    |       |
+--------+--------------+--------+-------+----------+-------+
```

IMPLEMENTATION

SQL QUERIES

create table places(id int,name varchar(20),state varchar(20));
alter table places add constraint pp1 primary key(id);
insert into places values(1,"Banglore","Karnataka");
insert into places values(2,"Karwar","Karnataka");
insert into places values(3,"Manglore","Karnataka");
insert into places values(4,"Chennai","Tamil Nadu");
insert into places values(5,"Hyderabad","Telangana");
insert into places values(6,"Mumbai","Maharashtra");

create table companies (cid int,name varchar(30),headquarters varchar(20));
alter table companies add constraint pc1 primary key(cid);
insert into companies values(1,"Canara Pinto Travels","Mumbai");
insert into companies values(2,"S R L Travels","Honnavar");
insert into companies values(3,"S R S Travels","Mumbai");
insert into companies values(4,"V R L Travels","Hublii");

insert into companies values(5,"S R R Travels","Chennai");

insert into companies values(6,"S D T Travels","Hyderabad");

create table buses(bid int,bname varchar(30),cid int,number_of_seats int,boarding varchar(20),destination varchar(20),price float,btime varchar(20),rtime varchar(20));

alter table buses add constraint pb1 primary key(bid);

alter table buses add constraint fb1 foreign key(cid) references companies(cid);

insert into buses values(1,'Canara Pinto r-1',1,36,'Banglore','Manglore',1210,'10:40:00 pm','5:30:00 am');

insert into buses values(2,'Canara Pinto r-2',1,36,'Banglore','Karwar',1470,'9:40:00 pm','7:50:00 am');

insert into buses values(3,'Canara Pinto r-3',1,36,'Banglore','Chennai',707,'10:15:00 pm','10:10:00 am');

insert into buses values(4,'Canara Pinto r-4',1,36,'Banglore','Hyderabad',794,'11:30:00 pm','6:00:00 am');

insert into buses values(5,'Canara Pinto r-5',1,36,'Banglore','Mumbai',1275,'11:20:00 pm','9:00:00 am');

insert into buses values(6,'Canara Pinto r-6',1,36,'Manglore','Karwar',1415,'9:00:00 pm','6:40:00 am');

insert into buses values(7,'Canara Pinto r-7',1,36,'Manglore','Chennai',804,'9:10:00 pm','10:00:00 am');

insert into buses values(8,'Canara Pinto r-8',1,36,'Manglore','Hyderabad',1491,'11:15:00 pm','7:50:00 am');

insert into buses values(9,'Canara Pinto r-9',1,36,'Manglore','Mumbai',1034,'9:00:00 pm','5:30:00 am');

insert into buses values(10,'Canara Pinto r-10',1,36,'Manglore','Banglore',1184,'11:20:00 pm','5:45:00 am');

insert into buses values(11,'Canara Pinto r-11',1,36,'Karwar','Chennai',1384,'10:45:00 pm','7:20:00 am');

insert into buses values(12,'Canara Pinto r-12',1,36,'Karwar','Hyderabad',1454,'11:15:00

pm','10:00:00 am');

insert into buses values(13,'Canara Pinto r-13',1,36,'Karwar','Mumbai',1345,'9:00:00 pm','10:10:00 am');

insert into buses values(14,'Canara Pinto r-14',1,36,'Karwar','Banglore',1051,'11:35:00 pm','9:10:00 am');

insert into buses values(15,'Canara Pinto r-15',1,36,'Karwar','Manglore',991,'9:10:00 pm','6:00:00 am');

insert into buses values(16,'Canara Pinto r-16',1,36,'Chennai','Hyderabad',1243,'12:00:00 am','8:20:00 am');

insert into buses values(17,'Canara Pinto r-17',1,36,'Chennai','Mumbai',583,'10:15:00 pm','9:10:00 am');

insert into buses values(18,'Canara Pinto r-18',1,36,'Chennai','Banglore',1442,'10:45:00 pm','9:10:00 am');

insert into buses values(19,'Canara Pinto r-19',1,36,'Chennai','Manglore',689,'10:00:00 pm','5:00:00 am');

insert into buses values(20,'Canara Pinto r-20',1,36,'Chennai','Karwar',1258,'11:30:00 pm','8:40:00 am');

insert into buses values(21,'Canara Pinto r-21',1,36,'Hyderabad','Mumbai',1491,'11:35:00 pm','5:45:00 am');

insert into buses values(22,'Canara Pinto r-22',1,36,'Hyderabad','Banglore',976,'10:45:00 pm','6:40:00 am');

insert into buses values(23,'Canara Pinto r-23',1,36,'Hyderabad','Manglore',1245,'10:30:00 pm','6:30:00 am');

insert into buses values(24,'Canara Pinto r-24',1,36,'Hyderabad','Karwar',939,'9:15:00 pm','8:00:00 am');

insert into buses values(25,'Canara Pinto r-25',1,36,'Hyderabad','Chennai',1428,'10:40:00 pm','8:40:00 am');

insert into buses values(26,'Canara Pinto r-26',1,36,'Mumbai','Banglore',839,'11:30:00 pm','9:40:00 am');

insert into buses values(27,'Canara Pinto r-27',1,36,'Mumbai','Manglore',1367,'10:40:00

pm','7:20:00 am');

insert into buses values(28,'Canara Pinto r-28',1,36,'Mumbai','Karwar',726,'11:35:00 pm','7:15:00 am');

insert into buses values(29,'Canara Pinto r-29',1,36,'Mumbai','Chennai',1053,'10:40:00 pm','8:00:00 am');

insert into buses values(30,'Canara Pinto r-30',1,36,'Mumbai','Hyderabad',855,'11:20:00 pm','11:00:00 am');

insert into buses values(31,'S R L r-1',1,36,'Banglore','Manglore',1006,'11:20:00 pm','6:30:00 am');

insert into buses values(32,'S R L r-2',1,36,'Banglore','Karwar',1040,'9:30:00 pm','11:00:00 am');

insert into buses values(33,'S R L r-3',1,36,'Banglore','Chennai',1187,'11:00:00 pm','9:40:00 am');

insert into buses values(34,'S R L r-4',1,36,'Banglore','Hyderabad',1033,'9:40:00 pm','11:00:00 am');

insert into buses values(35,'S R L r-5',1,36,'Banglore','Mumbai',880,'10:40:00 pm','6:30:00 am');

insert into buses values(36,'S R L r-6',1,36,'Manglore','Karwar',862,'10:45:00 pm','10:00:00 am');

insert into buses values(37,'S R L r-7',1,36,'Manglore','Chennai',666,'10:30:00 pm','8:40:00 am');

insert into buses values(38,'S R L r-8',1,36,'Manglore','Hyderabad',617,'9:15:00 pm','9:40:00 am');

insert into buses values(39,'S R L r-9',1,36,'Manglore','Mumbai',1340,'9:15:00 pm','9:00:00 am');

insert into buses values(40,'S R L r-10',1,36,'Manglore','Banglore',1148,'11:35:00 pm','8:20:00 am');

insert into buses values(41,'S R L r-11',1,36,'Karwar','Chennai',882,'9:00:00 pm','6:00:00 am');

insert into buses values(42,'S R L r-12',1,36,'Karwar','Hyderabad',641,'11:30:00 pm','7:00:00

am');

insert into buses values(43,'S R L r-13',1,36,'Karwar','Mumbai',1102,'9:10:00 pm','10:10:00 am');

insert into buses values(44,'S R L r-14',1,36,'Karwar','Banglore',830,'11:35:00 pm','9:40:00 am');

insert into buses values(45,'S R L r-15',1,36,'Karwar','Manglore',726,'10:45:00 pm','7:20:00 am');

insert into buses values(46,'S R L r-16',1,36,'Chennai','Hyderabad',1167,'9:50:00 pm','6:30:00 am');

insert into buses values(47,'S R L r-17',1,36,'Chennai','Mumbai',968,'9:10:00 pm','8:40:00 am');

insert into buses values(48,'S R L r-18',1,36,'Chennai','Banglore',1163,'9:30:00 pm','5:45:00 am');

insert into buses values(49,'S R L r-19',1,36,'Chennai','Manglore',554,'9:40:00 pm','8:40:00 am');

insert into buses values(50,'S R L r-20',1,36,'Chennai','Karwar',1080,'11:20:00 pm','6:00:00 am');

insert into buses values(51,'S R L r-21',1,36,'Hyderabad','Mumbai',594,'10:15:00 pm','5:45:00 am');

insert into buses values(52,'S R L r-22',1,36,'Hyderabad','Banglore',655,'9:40:00 pm','6:40:00 am');

insert into buses values(53,'S R L r-23',1,36,'Hyderabad','Manglore',1028,'11:30:00 pm','5:30:00 am');

insert into buses values(54,'S R L r-24',1,36,'Hyderabad','Karwar',1409,'11:00:00 pm','7:15:00 am');

insert into buses values(55,'S R L r-25',1,36,'Hyderabad','Chennai',894,'9:00:00 pm','6:30:00 am');

insert into buses values(56,'S R L r-26',1,36,'Mumbai','Banglore',1476,'9:10:00 pm','9:40:00 am');

insert into buses values(57,'S R L r-27',1,36,'Mumbai','Manglore',1225,'9:00:00 pm','6:30:00

am');

insert into buses values(58,'S R L r-28',1,36,'Mumbai','Karwar',1311,'10:40:00 pm','5:45:00 am');

insert into buses values(59,'S R L r-29',1,36,'Mumbai','Chennai',1150,'10:00:00 pm','8:00:00 am');

insert into buses values(60,'S R L r-30',1,36,'Mumbai','Hyderabad',896,'9:00:00 pm','8:00:00 am');

insert into buses values(61,'S R S r-1',3,36,'Banglore','Manglore',1227,'9:50:00 pm','7:00:00 am');

insert into buses values(62,'S R S r-2',3,36,'Banglore','Karwar',757,'9:50:00 pm','6:30:00 am');

insert into buses values(63,'S R S r-3',3,36,'Banglore','Chennai',1028,'9:45:00 pm','7:00:00 am');

insert into buses values(64,'S R S r-4',3,36,'Banglore','Hyderabad',1461,'10:45:00 pm','8:00:00 am');

insert into buses values(65,'S R S r-5',3,36,'Banglore','Mumbai',675,'11:15:00 pm','7:15:00 am');

insert into buses values(66,'S R S r-6',3,36,'Manglore','Karwar',576,'11:20:00 pm','11:00:00 am');

insert into buses values(67,'S R S r-7',3,36,'Manglore','Chennai',1222,'10:15:00 pm','11:00:00 am');

insert into buses values(68,'S R S r-8',3,36,'Manglore','Hyderabad',1271,'11:35:00 pm','6:00:00 am');

insert into buses values(69,'S R S r-9',3,36,'Manglore','Mumbai',793,'10:15:00 pm','5:45:00 am');

insert into buses values(70,'S R S r-10',3,36,'Manglore','Banglore',1195,'9:30:00 pm','9:00:00 am');

insert into buses values(71,'S R S r-11',3,36,'Karwar','Chennai',615,'9:30:00 pm','7:15:00 am');

insert into buses values(72,'S R S r-12',3,36,'Karwar','Hyderabad',1023,'10:15:00 pm','6:00:00

am');

insert into buses values(73,'S R S r-13',3,36,'Karwar','Mumbai',1132,'11:15:00 pm','10:00:00 am');

insert into buses values(74,'S R S r-14',3,36,'Karwar','Banglore',1181,'11:45:00 pm','7:50:00 am');

insert into buses values(75,'S R S r-15',3,36,'Karwar','Manglore',1059,'11:30:00 pm','10:00:00 am');

insert into buses values(76,'S R S r-16',3,36,'Chennai','Hyderabad',554,'10:15:00 pm','10:00:00 am');

insert into buses values(77,'S R S r-17',3,36,'Chennai','Mumbai',575,'12:00:00 am','9:10:00 am');

insert into buses values(78,'S R S r-18',3,36,'Chennai','Banglore',668,'11:00:00 pm','9:00:00 am');

insert into buses values(79,'S R S r-19',3,36,'Chennai','Manglore',832,'10:15:00 pm','11:00:00 am');

insert into buses values(80,'S R S r-20',3,36,'Chennai','Karwar',1454,'11:45:00 pm','10:00:00 am');

insert into buses values(81,'S R S r-21',3,36,'Hyderabad','Mumbai',763,'9:50:00 pm','7:50:00 am');

insert into buses values(82,'S R S r-22',3,36,'Hyderabad','Banglore',1132,'11:35:00 pm','5:00:00 am');

insert into buses values(83,'S R S r-23',3,36,'Hyderabad','Manglore',1092,'9:45:00 pm','8:40:00 am');

insert into buses values(84,'S R S r-24',3,36,'Hyderabad','Karwar',969,'10:15:00 pm','7:15:00 am');

insert into buses values(85,'S R S r-25',3,36,'Hyderabad','Chennai',778,'11:15:00 pm','6:40:00 am');

insert into buses values(86,'S R S r-26',3,36,'Mumbai','Banglore',1066,'10:15:00 pm','10:00:00 am');

insert into buses values(87,'S R S r-27',3,36,'Mumbai','Manglore',1125,'11:30:00 pm','6:00:00

am');

insert into buses values(88,'S R S r-28',3,36,'Mumbai','Karwar',670,'9:00:00 pm','7:50:00 am');

insert into buses values(89,'S R S r-29',3,36,'Mumbai','Chennai',713,'10:00:00 pm','7:20:00 am');

insert into buses values(90,'S R S r-30',3,36,'Mumbai','Hyderabad',633,'11:15:00 pm','5:00:00 am');

insert into buses values(91,'V R L r-1',4,36,'Banglore','Manglore',1226,'11:35:00 pm','7:00:00 am');

insert into buses values(92,'V R L r-2',4,36,'Banglore','Karwar',1325,'12:00:00 am','6:00:00 am');

insert into buses values(93,'V R L r-3',4,36,'Banglore','Chennai',598,'10:45:00 pm','6:30:00 am');

insert into buses values(94,'V R L r-4',4,36,'Banglore','Hyderabad',1313,'9:40:00 pm','6:00:00 am');

insert into buses values(95,'V R L r-5',4,36,'Banglore','Mumbai',792,'9:30:00 pm','5:00:00 am');

insert into buses values(96,'V R L r-6',4,36,'Manglore','Karwar',708,'9:00:00 pm','8:20:00 am');

insert into buses values(97,'V R L r-7',4,36,'Manglore','Chennai',1160,'11:30:00 pm','7:50:00 am');

insert into buses values(98,'V R L r-8',4,36,'Manglore','Hyderabad',659,'11:30:00 pm','5:00:00 am');

insert into buses values(99,'V R L r-9',4,36,'Manglore','Mumbai',756,'11:15:00 pm','9:20:00 am');

insert into buses values(100,'V R L r-10',4,36,'Manglore','Banglore',584,'9:40:00 pm','8:00:00 am');

insert into buses values(101,'V R L r-11',4,36,'Karwar','Chennai',1218,'12:00:00 am','5:30:00 am');

insert into buses values(102,'V R L r-12',4,36,'Karwar','Hyderabad',1198,'11:00:00

pm','5:00:00 am');

insert into buses values(103,'V R L r-13',4,36,'Karwar','Mumbai',1283,'11:15:00 pm','9:10:00 am');

insert into buses values(104,'V R L r-14',4,36,'Karwar','Banglore',1162,'11:15:00 pm','9:20:00 am');

insert into buses values(105,'V R L r-15',4,36,'Karwar','Manglore',558,'11:30:00 pm','8:40:00 am');

insert into buses values(106,'V R L r-16',4,36,'Chennai','Hyderabad',1241,'11:35:00 pm','8:20:00 am');

insert into buses values(107,'V R L r-17',4,36,'Chennai','Mumbai',1188,'9:50:00 pm','8:00:00 am');

insert into buses values(108,'V R L r-18',4,36,'Chennai','Banglore',957,'9:15:00 pm','5:45:00 am');

insert into buses values(109,'V R L r-19',4,36,'Chennai','Manglore',1454,'9:45:00 pm','7:50:00 am');

insert into buses values(110,'V R L r-20',4,36,'Chennai','Karwar',1433,'11:30:00 pm','5:30:00 am');

insert into buses values(111,'V R L r-21',4,36,'Hyderabad','Mumbai',1054,'11:00:00 pm','9:00:00 am');

insert into buses values(112,'V R L r-22',4,36,'Hyderabad','Banglore',557,'10:40:00 pm','5:00:00 am');

insert into buses values(113,'V R L r-23',4,36,'Hyderabad','Manglore',980,'11:35:00 pm','7:50:00 am');

insert into buses values(114,'V R L r-24',4,36,'Hyderabad','Karwar',1195,'10:00:00 pm','6:30:00 am');

insert into buses values(115,'V R L r-25',4,36,'Hyderabad','Chennai',1434,'11:15:00 pm','7:15:00 am');

insert into buses values(116,'V R L r-26',4,36,'Mumbai','Banglore',926,'9:50:00 pm','7:50:00 am');

insert into buses values(117,'V R L r-27',4,36,'Mumbai','Manglore',743,'10:00:00 pm','9:40:00

am');

insert into buses values(118,'V R L r-28',4,36,'Mumbai','Karwar',736,'10:00:00 pm','6:40:00 am');

insert into buses values(119,'V R L r-29',4,36,'Mumbai','Chennai',1339,'11:35:00 pm','7:00:00 am');

insert into buses values(120,'V R L r-30',4,36,'Mumbai','Hyderabad',1341,'9:45:00 pm','8:00:00 am');

insert into buses values(121,'S R R r-1',5,36,'Banglore','Manglore',1480,'11:00:00 pm','6:40:00 am');

insert into buses values(122,'S R R r-2',5,36,'Banglore','Karwar',921,'11:00:00 pm','7:20:00 am');

insert into buses values(123,'S R R r-3',5,36,'Banglore','Chennai',1161,'9:50:00 pm','10:00:00 am');

insert into buses values(124,'S R R r-4',5,36,'Banglore','Hyderabad',1331,'9:50:00 pm','9:00:00 am');

insert into buses values(125,'S R R r-5',5,36,'Banglore','Mumbai',1218,'10:45:00 pm','8:20:00 am');

insert into buses values(126,'S R R r-6',5,36,'Manglore','Karwar',803,'10:00:00 pm','9:20:00 am');

insert into buses values(127,'S R R r-7',5,36,'Manglore','Chennai',1305,'10:15:00 pm','9:10:00 am');

insert into buses values(128,'S R R r-8',5,36,'Manglore','Hyderabad',1428,'11:30:00 pm','8:00:00 am');

insert into buses values(129,'S R R r-9',5,36,'Manglore','Mumbai',1040,'9:40:00 pm','9:10:00 am');

insert into buses values(130,'S R R r-10',5,36,'Manglore','Banglore',565,'12:00:00 am','8:00:00 am');

insert into buses values(131,'S R R r-11',5,36,'Karwar','Chennai',1397,'11:20:00 pm','9:10:00 am');

insert into buses values(132,'S R R r-12',5,36,'Karwar','Hyderabad',1488,'10:00:00

pm','7:15:00 am');

insert into buses values(133,'S R R r-13',5,36,'Karwar','Mumbai',628,'11:00:00 pm','8:40:00 am');

insert into buses values(134,'S R R r-14',5,36,'Karwar','Banglore',1408,'11:35:00 pm','8:00:00 am');

insert into buses values(135,'S R R r-15',5,36,'Karwar','Manglore',1469,'10:15:00 pm','7:20:00 am');

insert into buses values(136,'S R R r-16',5,36,'Chennai','Hyderabad',1273,'9:00:00 pm','9:10:00 am');

insert into buses values(137,'S R R r-17',5,36,'Chennai','Mumbai',815,'10:15:00 pm','9:20:00 am');

insert into buses values(138,'S R R r-18',5,36,'Chennai','Banglore',905,'9:15:00 pm','5:00:00 am');

insert into buses values(139,'S R R r-19',5,36,'Chennai','Manglore',1376,'10:40:00 pm','5:30:00 am');

insert into buses values(140,'S R R r-20',5,36,'Chennai','Karwar',1442,'9:15:00 pm','10:10:00 am');

insert into buses values(141,'S R R r-21',5,36,'Hyderabad','Mumbai',601,'10:15:00 pm','6:30:00 am');

insert into buses values(142,'S R R r-22',5,36,'Hyderabad','Banglore',868,'11:15:00 pm','5:30:00 am');

insert into buses values(143,'S R R r-23',5,36,'Hyderabad','Manglore',1119,'10:00:00 pm','9:10:00 am');

insert into buses values(144,'S R R r-24',5,36,'Hyderabad','Karwar',1196,'10:15:00 pm','7:50:00 am');

insert into buses values(145,'S R R r-25',5,36,'Hyderabad','Chennai',900,'10:45:00 pm','5:45:00 am');

insert into buses values(146,'S R R r-26',5,36,'Mumbai','Banglore',1048,'9:45:00 pm','9:10:00 am');

insert into buses values(147,'S R R r-27',5,36,'Mumbai','Manglore',1342,'10:40:00

pm','11:00:00 am');

insert into buses values(148,'S R R r-28',5,36,'Mumbai','Karwar',598,'12:00:00 am','8:00:00 am');

insert into buses values(149,'S R R r-29',5,36,'Mumbai','Chennai',1469,'11:35:00 pm','8:00:00 am');

insert into buses values(150,'S R R r-30',5,36,'Mumbai','Hyderabad',692,'11:00:00 pm','5:00:00 am');

insert into buses values(151,'S D T r-1',6,36,'Banglore','Manglore',1022,'11:35:00 pm','9:10:00 am');

insert into buses values(152,'S D T r-2',6,36,'Banglore','Karwar',1354,'10:45:00 pm','5:00:00 am');

insert into buses values(153,'S D T r-3',6,36,'Banglore','Chennai',1386,'10:00:00 pm','6:30:00 am');

insert into buses values(154,'S D T r-4',6,36,'Banglore','Hyderabad',661,'12:00:00 am','10:10:00 am');

insert into buses values(155,'S D T r-5',6,36,'Banglore','Mumbai',729,'11:30:00 pm','10:10:00 am');

insert into buses values(156,'S D T r-6',6,36,'Manglore','Karwar',1135,'9:45:00 pm','6:00:00 am');

insert into buses values(157,'S D T r-7',6,36,'Manglore','Chennai',1125,'9:00:00 pm','9:20:00 am');

insert into buses values(158,'S D T r-8',6,36,'Manglore','Hyderabad',728,'10:30:00 pm','9:20:00 am');

insert into buses values(159,'S D T r-9',6,36,'Manglore','Mumbai',937,'11:15:00 pm','8:00:00 am');

insert into buses values(160,'S D T r-10',6,36,'Manglore','Banglore',753,'11:30:00 pm','11:00:00 am');

insert into buses values(161,'S D T r-11',6,36,'Karwar','Chennai',1343,'9:10:00 pm','7:15:00 am');

insert into buses values(162,'S D T r-12',6,36,'Karwar','Hyderabad',1144,'9:50:00

pm','8:20:00 am');

insert into buses values(163,'S D T r-13',6,36,'Karwar','Mumbai',634,'9:00:00 pm','5:30:00 am');

insert into buses values(164,'S D T r-14',6,36,'Karwar','Banglore',1488,'10:15:00 pm','6:30:00 am');

insert into buses values(165,'S D T r-15',6,36,'Karwar','Manglore',874,'10:45:00 pm','8:40:00 am');

insert into buses values(166,'S D T r-16',6,36,'Chennai','Hyderabad',612,'10:30:00 pm','9:40:00 am');

insert into buses values(167,'S D T r-17',6,36,'Chennai','Mumbai',784,'11:15:00 pm','9:40:00 am');

insert into buses values(168,'S D T r-18',6,36,'Chennai','Banglore',1405,'11:45:00 pm','8:00:00 am');

insert into buses values(169,'S D T r-19',6,36,'Chennai','Manglore',1037,'11:20:00 pm','10:00:00 am');

insert into buses values(170,'S D T r-20',6,36,'Chennai','Karwar',1410,'9:10:00 pm','5:00:00 am');

insert into buses values(171,'S D T r-21',6,36,'Hyderabad','Mumbai',1287,'11:45:00 pm','7:20:00 am');

insert into buses values(172,'S D T r-22',6,36,'Hyderabad','Banglore',1286,'10:40:00 pm','7:00:00 am');

insert into buses values(173,'S D T r-23',6,36,'Hyderabad','Manglore',1133,'9:45:00 pm','6:30:00 am');

insert into buses values(174,'S D T r-24',6,36,'Hyderabad','Karwar',881,'11:20:00 pm','7:20:00 am');

insert into buses values(175,'S D T r-25',6,36,'Hyderabad','Chennai',995,'10:45:00 pm','10:00:00 am');

insert into buses values(176,'S D T r-26',6,36,'Mumbai','Banglore',1449,'11:20:00 pm','7:00:00 am');

insert into buses values(177,'S D T r-27',6,36,'Mumbai','Manglore',1319,'11:15:00

pm','7:50:00 am');

insert into buses values(178,'S D T r-28',6,36,'Mumbai','Karwar',1013,'9:10:00 pm','6:00:00 am');

insert into buses values(179,'S D T r-29',6,36,'Mumbai','Chennai',734,'9:30:00 pm','8:20:00 am');

insert into buses values(180,'S D T r-30',6,36,'Mumbai','Hyderabad',623,'11:20:00 pm','9:40:00 am');

create table seats(bid int,seatno int,availibility char(4));

alter table seats add constraint ps1 primary key(bid,seatno);

alter table seats add constraint fs1 foreign key(bid) references buses(id);

insert into seats values(1,1,'yes');

insert into seats values(1,2,'yes');

insert into seats values(1,3,'yes');

insert into seats values(1,4,'yes');

insert into seats values(1,5,'yes');

insert into seats values(1,6,'yes');

insert into seats values(1,7,'yes');

insert into seats values(1,8,'yes');

insert into seats values(1,9,'yes');

insert into seats values(1,10,'yes');

insert into seats values(1,11,'yes');

insert into seats values(1,12,'yes');

insert into seats values(1,13,'yes');

insert into seats values(1,14,'yes');

insert into seats values(1,15,'yes');

insert into seats values(1,16,'yes');

insert into seats values(1,17,'yes');

insert into seats values(1,18,'yes');

insert into seats values(1,19,'yes');

```sql
insert into seats values(1,20,'yes');
insert into seats values(1,21,'yes');
insert into seats values(1,22,'yes');
insert into seats values(1,23,'yes');
insert into seats values(1,24,'yes');
insert into seats values(1,25,'yes');
insert into seats values(1,26,'yes');
insert into seats values(1,27,'yes');
insert into seats values(1,28,'yes');
insert into seats values(1,29,'yes');
insert into seats values(1,30,'yes');
insert into seats values(1,31,'yes');
insert into seats values(1,32,'yes');
insert into seats values(1,33,'yes');
insert into seats values(1,34,'yes');
insert into seats values(1,35,'yes');
insert into seats values(1,36,'yes');
insert into seats values(2,1,'yes');
. . . . . . . . . . . . . . . . . . . . . . . . . . . . . .
. . . . . . . . . . . . . . . . . . . . . . . . . . . . . .
. . . . . . . . . . . . . . . . . . . . . . . . . . . . . .
. . . . . . . . . . . . . . . . . . . . . . . . . . . . . .
insert into seats values(180,36,'yes');


create table passenger(pid int,name varchar(30),age int,email varchar(30),bid int,seatno
int,mobileno int,jdate varchar(20));
alter table passenger add constraint pp1 primary key(pid);
alter table passenger add constraint fp1 foreign key(bid) references buses(bid);


create table ticket (tid int,pid int,bid int,seatno int,jdate int);
```

alter table ticket add constraint pt1 primary key*tid);

alter table ticket add constraint ft1 foreign key(tid) references ticket(tid);

<u>CONNECTING BACK END TO FRONT END</u>

page1.php

```
<!DOCTYPE html>
<html>
<head>
        <title>Selection</title>
        <link rel="stylesheet" type="text/css" href="applystyles.css">
</head>
<body style="background-image: url('bg.jpg')">
<div class="middle">
        <p class="text2">Service Available in the Following Places</p><br><br>
        <p class="text1">Banglore</p><br>
        <p class="text1">Manglore</p><br>
        <p class="text1">Karwar</p><br>
        <p class="text1">Hyderabad</p><br>
        <p class="text1">Chennai</p><br>
        <p class="text1">Mumbai</p><br>


        <form method="post" action="page2.php">
        <label class='text'>Date: </label>
        <input          type="text"          class='size1'          name="date"
placeholder="dd/mm/yyyy"><br><br><br><br>
        <label class='text'>Starting Place: </label>
        <input type="text" class='size1' name="source" placeholder="Enter the Starting
Point"><br><br><br><br>
        <label class='text'>Destination Place: </label>
```

```html
        <input   type="test"   class='size1'   name="destination"   placeholder="Enter   the
Destination"><br><br><br><br>
        <input type="submit" value="Submit" class="submit1">
        </form>
        <a href="page1.html"><input type="button" value="Cancel" class="Cancel"></a>
</div>
</body>
</html>
```

page2.php

```php
<!DOCTYPE html>
<html>
<head>
        <title>Buses</title>
        <link rel="stylesheet" type="text/css" href="applystyles.css">
</head>
<body style="background-image: url('bg.jpg')">
<div class="middle1">
<form method="post" action="page3.php">
<?php
$host="localhost";
$username="root";
$password='p@55w06d';
$conn = mysqli_connect($host, $username, $password,"busreservationsystem")or die("cannot
connect");
if (!$conn) {
  die("Connection failed: " . mysqli_connect_error());
}
echo          "<marquee          class='text1'>".$_POST['source']."                    To
".$_POST['destination']."</marquee>";
```

```php
$sql1="SELECT id from places where name = '".$_POST['source']."'";
$result = $conn->query($sql1);
if ($result->num_rows > 0) {
        while($row = $result->fetch_assoc())
                $board=$row['id'];
}
$sql2="SELECT id from places where name = '".$_POST['destination']."'";
$result = $conn->query($sql2);
if ($result->num_rows > 0) {
        while($row = $result->fetch_assoc())
                $drop=$row['id'];
}
        echo "<div class='middle'>";
$sql   =   "SELECT   bname,btime,rtime,name,price   from   buses,companies   where
boardingid=$board and destinationid=$drop and cid=id";
$result = $conn->query($sql);
if ($result->num_rows > 0) {
  while($row = $result->fetch_assoc()) {
        echo   "<label   class='text3'><input   type='radio'   name='busname'   value=   '".
$row['bname']."'>".   $row['bname']."<br><br>".$row['name']."<br><br>".$row['btime']."
to                    ".$row['rtime']."<p                    class='price'>".$row['price']."
Rs</p></input></label><br><br><br><br><br>";
 }
}
echo "</div>";
mysqli_close($conn);
?>
<input type="hidden" name="source" value="<?php echo $_POST['source']; ?>">
<input type="hidden" name="destination" value="<?php echo $_POST['destination']; ?>">
<input type="hidden" name="date" value="<?php echo $_POST['date']; ?>">
```

```html
<input type="submit" value="Submit" class="submit2">
</form>
<a href="page1.html"><input type="button" value="Cancel" class="Cancel2"></a>
</div>
</body>
</html>
```

page3.php

```php
<!DOCTYPE html>
<html>
<head>
        <title>Seats</title>
        <link rel="stylesheet" type="text/css" href="applystyles.css">
</head>
<body style="background-image: url('bg.jpg')">
<div class="middle1">
<form method="post" action="page4.php">
<?php
$host="localhost";
$username="root";
$password='p@55w06d';
$conn = mysqli_connect($host, $username, $password,"busreservationsystem")or die("cannot connect");
if (!$conn) {
  die("Connection failed: " . mysqli_connect_error());
}
echo "<marquee class='text1'>".$_POST['busname']." </marquee>";
echo "</div>";
$arr                                                                            =
```

```php
array(1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,
33,34,35,36);
$arr2=array();


$sql2 = "SELECT bid from buses where bname = '".$_POST['busname']."'";
$result = $conn->query($sql2);
if ($result->num_rows > 0) {
  while($row = $result->fetch_assoc()) {
        $bus=$row['bid'];
 }
}
$sql = "SELECT seatno from seats where bid = $bus and availibility = 'yes'";
$result = $conn->query($sql);
if ($result->num_rows > 0) {
  while($row = $result->fetch_assoc()) {
        array_push($arr2,$row['seatno']);
 }
foreach ($arr as $value)
{
        if(in_array($value, $arr2))
        {
                echo    "<label><input   type='checkbox'   name=seats[]   class='seat$value'
value=".$value."><p class='seat$value'>".$value."</p></input></label><br><br>";
        }
        else
        {
                echo                    "<p                    name=seats[]                    class='seat$value'
id='booked'>".$value."</p><br><br>";
        }
}
```

```
}
mysqli_close($conn);
?>
<input type="hidden" name="source" value="<?php echo $_POST['source']; ?>">
<input type="hidden" name="destination" value="<?php echo $_POST['destination']; ?>">
<input type="hidden" name="busid" value="<?php echo $bus; ?>">
<input type="hidden" name="date" value="<?php echo $_POST['date']; ?>">
<input type="submit" value="Submit" class="submit3">
</form>
<a href="page1.html"><input type="button" value="Cancel" class="Cancel3"></a>
</body>
</html>
```

page4.php

```
<!DOCTYPE html>
<html>
<head>
        <title>Information</title>
        <link rel="stylesheet" type="text/css" href="applystyles.css">
</head>
<body style="background-image: url('bg.jpg')">
<div class="middle4">
<form method="post" action="page5.php">
<label class='text'>Name :</label>
        <input type="text" class='size1' name="name" placeholder="Enter your name...."><br><br><br><br>
        <label class='text'>Age :</label>
        <input type="number" class='size1' name="age" placeholder="Enter your age...."><br><br><br><br>
```

```html
<label class='text'>E-Mail :</label>
<input type="email" class='size1' name="email" placeholder="abcd@xyz.com"><br><br><br><br>
<label class='text'>Mobile-No: </label>
<input type="tel" class='size1' name="mobile" placeholder="Enter your Contact Number...."><br><br><br><br>
<input type="hidden" name="source" value="<?php echo $_POST['source']; ?>">
<input type="hidden" name="destination" value="<?php echo $_POST['destination']; ?>">
<input type="hidden" name="busid" value="<?php echo $_POST['busid']; ?>">
<input type="hidden" name="date" value="<?php echo $_POST['date']; ?>">
<?php
$seats=implode(" ",$_POST['seats']);
?>
<input type="hidden" name="seats" value="<?php echo $seats?>">
<input type="submit" value="Submit" class="submit4">
</form>
<a href="page4.php"><input type="button" value="Go Back" class="goback4"></a>
<a href="page1.html"><input type="button" value="Cancel" class="Cancel4"></a>
</div>
</body>
</html>
```

page5.php

```html
<!DOCTYPE html>
<html>
<head>
    <title>Payment</title>
    <link rel="stylesheet" type="text/css" href="applystyles.css">
```

```php
</head>
<body style="background-image: url('bg.jpg')">
<form method="post" action="page6.php">
<?php
$host="localhost";
$username="root";
$password='p@55w06d';
$conn = mysqli_connect($host, $username, $password,"busreservationsystem")or die("cannot
connect");
if (!$conn) {
  die("Connection failed: " . mysqli_connect_error());
}
$pass=array();
$tick=array();
$arr=explode(" ",$_POST['seats']);
foreach($arr as $seatno)
{
        $sql4="UPDATE seats set availibility='no' where seatno = ".$seatno." and bid = ".
$_POST['busid'];
        $result4 = $conn->query($sql4);
        $sql="SELECT max(pid) as pid from passenger";
        $result = $conn->query($sql);
        if ($result->num_rows > 0) {
          while($row = $result->fetch_assoc()) {
                $pid=$row['pid']+1;
                array_push($pass,$pid);
              $sql1    ="INSERT   into   passenger   values(".$pid.",'".$_POST['name']."',".
$_POST['age'].",'".$_POST['email']."',".$_POST['busid'].",".$seatno.",".
$_POST['mobile'].",'".$_POST['date']."')";
        $result1 = $conn->query($sql1);
```

```php
    }
}
        $sql2="SELECT max(tid) as tid from ticket";
        $result2 = $conn->query($sql2);
        if ($result2->num_rows > 0) {
          while($row = $result2->fetch_assoc()) {
                $tid=$row['tid']+1;
                array_push($tick,$tid);
           $sql3 ="INSERT into ticket values(".$tid.",".$pid.",".$_POST['busid'].",".$seatno.",'".
$_POST['date']."')";
        $result3 = $conn->query($sql3);
    }
}
}
mysqli_close($conn);
?>
<meta name="viewport" content="width=device-width, initial-scale=1">
<style>
body {
font-family: Arial;
font-size: 20px;
padding: 8px;
font-weight: bold;
}
* {
box-sizing: border-box;
}.row {
display: -ms-flexbox; /* IE10 */
display: flex;
-ms-flex-wrap: wrap; /* IE10 */
```

```css
flex-wrap: wrap;
margin: 0 -16px;
}
.col-25 {
-ms-flex: 25%; /* IE10 */
flex: 25%;
}
.col-50 {
-ms-flex: 50%; /* IE10 */
flex: 50%;
}
.col-75 {
-ms-flex: 75%; /* IE10 */
flex: 75%;
}
.col-25,
.col-50,
.col-75 {
padding: 0 16px;
}
.container {
padding: 5px 20px 15px 20px;
border: 1px solid lightgrey;
border-radius: 3px;
}
input[type=text] {
width: 100%;
margin-bottom: 20px;
padding: 12px;
border: 1px solid #ccc;
```

```css
border-radius: 3px;
}
label {
margin-bottom: 10px;
display: block;
}
.icon-container {
margin-bottom: 20px;
padding: 7px 0;
font-size: 24px;
}
.btn {

color: white;
padding: 12px;
margin: 10px 0;
border: none;
width: 100%;
border-radius: 3px;cursor: pointer;
font-size: 17px;
}
.btn:hover {
background-color: #45a049;
}
a {
color: #2196F3;
}
hr {
border: 1px solid lightgrey;
}
```

```
span.price {
float: right;
color: grey;
}
/* Responsive layout - when the screen is less than 800px wide, make the two columns stack on
top of each other instead of next to each other (also change the direction - make the "cart"
column go on top) */
@media (max-width: 800px) {
.row {
flex-direction: column-reverse;
}
.col-25 {
margin-bottom: 20px;
}
}</style>
</head>
<body>
<div class="row">
<div class="col-75">
<div class="container">
<div class="row">
<div class="col-50">
<h3 class='text'>Payment</h3>
<label for="fname" class='text'>Accepted Cards</label>
<img src="cards.png">
<div class="icon-container">
<i class="fa fa-cc-visa" style="color:navy;"></i>
<i class="fa fa-cc-amex" style="color:blue;"></i>
<i class="fa fa-cc-mastercard" style="color:red;"></i>
<i class="fa fa-cc-discover" style="color:orange;"></i>
```

```html
</div>
<label for="cname" class='text'>Name on Card</label>
<input type="text" id="cname" name="cardname" placeholder="Enter your name">
<label for="ccnum" class='text'>Credit card number</label>
<input
type="text"
id="ccnum"
name="cardnumber"
placeholder="1111-2222-3333-4444">
<label for="expmonth" class='text'>Exp Month</label>
<input type="text" id="expmonth" name="expmonth" placeholder=" ">
<div class="row">
<div class="col-50">
<label for="expyear" class='text'>Exp Year</label>
<input type="text" id="expyear" name="expyear" placeholder="20__">
</div>
<div class="col-50">
<label for="cvv" class='text'>CVV</label>
<input type="text" id="cvv" name="cvv" placeholder="---">
</div>
</div>
</div>
</div>
</label>
</div>
</div>
</div>
<div class="middle">
<a href="page4.php"><input type="button" value="Go Back" class="goback"></a>
<input type="submit" value="Submit" class="submit5">
```

```php
<input type="hidden" name="date" value="<?php echo $_POST['date']; ?>">
<input type="hidden" name="name" value="<?php echo $_POST['name']; ?>">
<input type="hidden" name="source" value="<?php echo $_POST['source']; ?>">
<input type="hidden" name="destination" value="<?php echo $_POST['destination']; ?>">
        <?php
        $passid=implode(",",$pass);
        ?>
                <?php
        $tickid=implode(",",$tick);
        ?>
        <input type="hidden" name="passid" value="<?php echo $passid?>">
        <input type="hidden" name="tickid" value="<?php echo $tickid?>">
<input type="hidden" name="busid" value="<?php echo $_POST['busid']; ?>">
</form>
<a href="page1.html"><input type="button" value="Cancel" class="Cancel5"></a>

</div>
</body>
</html>
```

page6.php

```php
<!DOCTYPE html>
<html>
<head>
        <title>Payment</title>
        <link rel="stylesheet" type="text/css" href="applystyles.css">
</head>
<body style="background-image: url('bg.jpg')">
<?php
$host="localhost";
```

```php
$username="root";
$password='p@55w06d';
$conn = mysqli_connect($host, $username, $password,"busreservationsystem")or die("cannot connect");
if (!$conn) {
  die("Connection failed: " . mysqli_connect_error());
}
$arr=array();
$price=0;
$amount=0;
echo "<marquee class='text4'> THANK YOU ".$_POST['name']." :)</marquee><br><br>";
echo "<marquee class='text5'> HAVE A SAFE JOURNEY ... </marquee><img src='thanks.jpg' class='thanks' width='200' height="300'>";
$sql = "SELECT name,email,mobileno,age,bid,seatno from passenger where name = '".$_POST['name']."' and jdate = '".$_POST['date']."'and pid in (".$_POST['passid'].")";
$result = $conn->query($sql);
$result1 = $conn->query($sql);
if ($result->num_rows > 0) {
            while($row1 = $result1->fetch_assoc()) {
        array_push($arr,$row1['seatno']);
  }
      $row=$result->fetch_assoc();
      echo"<br><br><br><br><br><b><br><br><br><br><br>";
      echo "<p class='text'> Passenger Name: ".$row['name']."</p><p class='date'>Date :".$_POST['date']."</p>";
      echo "<p class='text'> Age: ".$row['age']."</p>";
      echo "<p class='text'> Contact Number: ".$row['mobileno']."</p>";
      echo "<p class='text'> E- Mail: ".$row['email']."</p>";
}
```

```php
$sql2 = "SELECT bname,price,btime,rtime from buses where bid= ".$_POST['busid'];
$result2 = $conn->query($sql2);
if ($result2->num_rows > 0) {
$row2=$result2->fetch_assoc();
echo "<p class='text'> Bus Name: ".$row2['bname']."</p>";
echo "<p class='text'> Boarding Point: ".$_POST['source']."</p>";
echo "<p class='text'> Dropping Point: ".$_POST['destination']."</p>";
echo "<p class='text'> Time: ".$row2['btime']." to ".$row2['rtime']."</p>";
$amount=$result->num_rows * $row2['price'];
echo "<p class='text'> Seat-No: </p>";
echo "<p class='text'>";
foreach($arr as $seat)
{
  echo $seat." ";
}
echo "</p>";
echo "<p class='price1'> Amount: ".$amount." Rs</p>";
}
mysqli_close($conn);
?>
    <a    href="page1.html"><input    type="button"    value="THANK    YOU"
class="thank"></a>
</body>
</html>
```

<h2 style="text-align:center; color:red;">CONCLUSION</h2>

SUMMARY

The main objective of the Online Bus Reservation System is to manage the details of Bus, Ticket,Booking and Seats. It manages all the information about the Bus,Seats and the customer. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of this project is to build an application program to reduce

the manual work for managing the information about the Bus, Seats ,Customer and Booking.

Features of ONLINE BUS RESERVATION SYSTEM:

- The transactions are carried out in off-line mode, hence on-line data for Bus,Ticket capture and modification is not possible

- It tracks all the information of passenger,company and the seats.

- Manage the information of ticket.

- All the information that the user enters does not take the invalid values.

- To increase the efficiency of managing Bus,Ticket and Customer.

- Editing, adding and updating of records is improved which results in proper resource management of bus data

LIMITATIONS

The system cannot be used to cancel the already booked tickets. It can be used only to book a ticket. Also the system won't send any OTP (One-Time-Password) to verify the user.

The system will not provide facility to pay the fine online by means of credit card/ Net banking. User has to pay the fine manually to account department or fine information can be send to account department to debit the required amount from his salary.

FURTHER ENHANCEMENTS

A facility to cancel the booked ticket can be added where some part of the amount paid is deducted by the administrator.

An option to send the OTP(One Time Password) can be included to verify the user.

A mail and a message can be sent to the user once the ticket booking is confirmed.

REFERENCES

www.geeksforgeeks.org

www.w3schools.com

www.stackoverflow.com

RESULT (SNAPSHOTS)

PAGE 1

PAGE 2

Banglore To Mumbai

- Canara Pinto r-5

Canara Pinto Travels

11:20:00 pm to 9:00:00 am

1275 Rs

- S R L r-5

S R L Travels

10:40:00 pm to 6:30:00 am

880 Rs

- S R S r-5

Buses - Mozilla Firefox

Buses

localhost/page2.php

• S R S r-5

S R S Travels

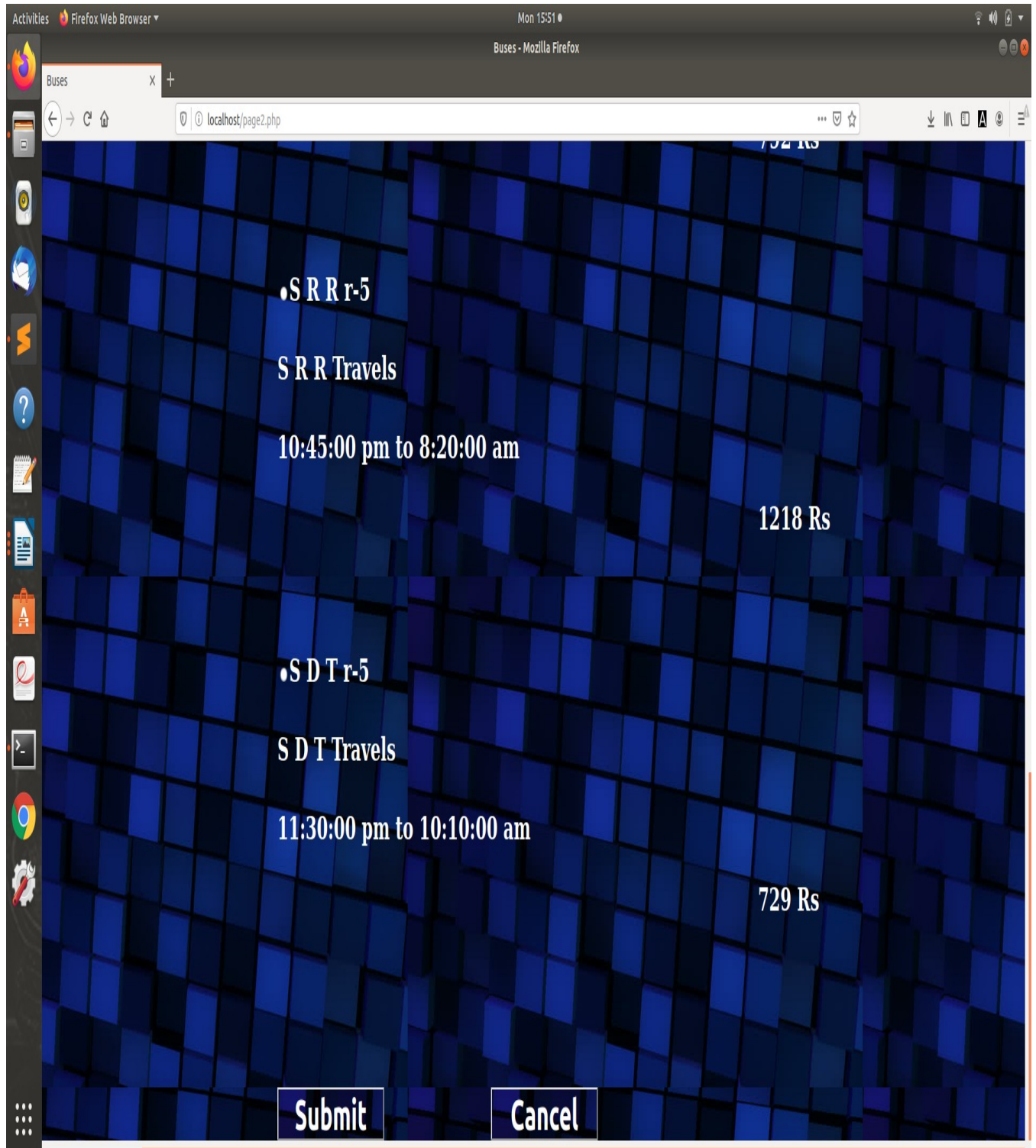11:15:00 pm to 7:15:00 am

675 Rs

• V R L r-5

V R L Travels

9:30:00 pm to 5:00:00 am

792 Rs

• S R R r-5

S R R Travels

10:45:00 pm to 8:20:00 am

Buses - Mozilla Firefox

Buses   X   +

localhost/page2.php

752 Rs

• S R R r-5

S R R Travels

10:45:00 pm to 8:20:00 am

1218 Rs

• S D T r-5

S D T Travels

11:30:00 pm to 10:10:00 am

729 Rs

Submit   **Cancel**

PAGE 3

S R S r-5

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Submit   Cancel

PAGE 4

Name :   Sindhu K

Age :   45

E-Mail :   ksindhu.is@bmsce.ac.in

Mobile-No: 9886118554

Go Back   **Submit**   **Cancel**

PAGE 5

PAGE 6

Payment - Mozilla Firefox

Payment   ✕   +

localhost/page6.php   60%

THANK YOU Sindhu K :)

HAVE A SAFE JOURNEY ...

Thank
You

Date :15/06/2020

Passenger Name: Sindhu K

Age: 45

Contact Number: 9886118554

E- Mail: ksindhu.is@bmsce.ac.in

Bus Name: S R S r-5

Boarding Point: Banglore

Dropping Point: Mumbai

Time: 11:15:00 pm to 7:15:00 am

Seat-No:

16 17

Amount: 1350 Rs

THANK YOU