

TOPIC:

TOURISM

MANAGEMENT

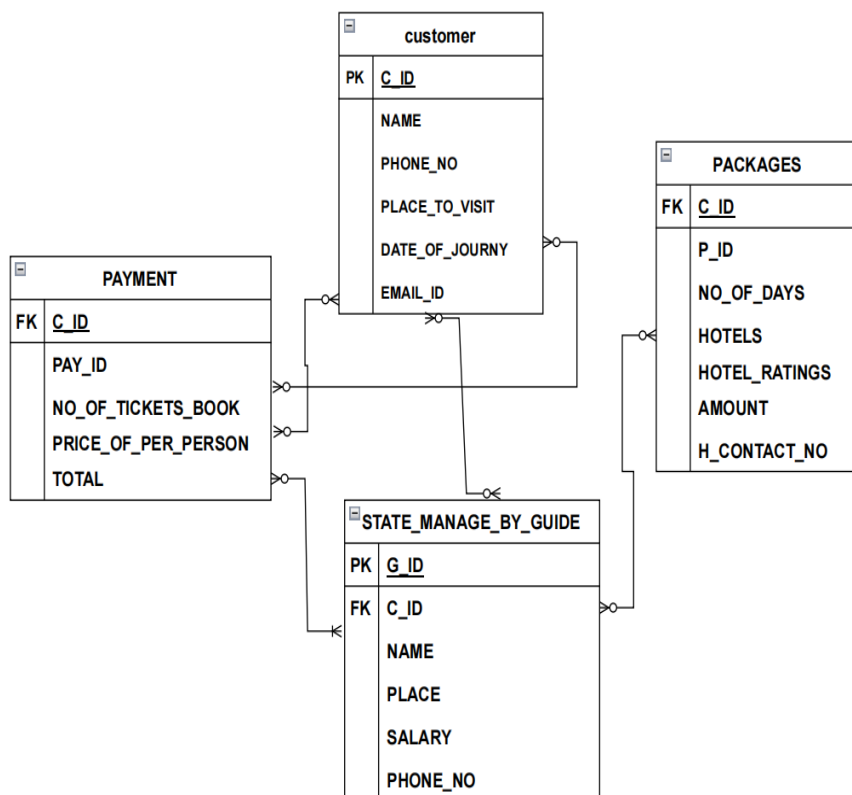
SYSTEM

1.INTRODUCTION: Tourism has turned out to be an economic booster contributing to the economic development of many countries over the last few decades. People see holidays as a necessity, and not as luxury in the present scenario. Tourism calls for coordination and cooperation between travel agents, tour operators, and tourists.

The need for a robust and dynamic tour management application has been around since the advent of the tourism concept. Thus we have developed an application to provide the best travelling services to the customers and travel agents. The Tourism Management System provides a search platform where a tourist can find their tour places according to their choices. This system also helps to promote responsible and interesting tourism so that people can enjoy their holidays at their favorable places and develop tourism with different cultures so that they enrich the tourism experience and build pride. The Tourism Management System is a web based application. It is tedious for a customer to plan a particular journey and have it executed properly. This project is developed to replace the currently existing system, which helps in keeping records of the customer details of destination as well as payment received. The proposed system is highly automated and makes the travelling activities much easier and flexible. The users can get the very right information at the very right time. This will increase the trust of the customer in to the tourism company as well. This project is designed with SQL Server as back end. All the data will be stored in the server and in case of any data losing situation, a backup will be available. The details related to every aspect of the tourist will be available separately.



2.ER DIGRAM



3.DATABASE DESIGN

DATABASE: TOURISM_MANAGEMENT_SYSTEM

TABLES:

1.CUSTOMER

2.PACKAGES

3.PAYMENT

4.STATE_MANAGE_BY_GUIDE

```
MariaDB [tourism_management_system]> show tables;
+-----+
| Tables_in_tourism_management_system |
+-----+
| customer                             |
| packages                             |
| payment                              |
| state_manage_by_guide                |
+-----+
4 rows in set (0.006 sec)
```

DESCRIBE TABLES:

CUSTOMER:

```
MariaDB [tourism_management_system]> desc customer;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| c_id       | int(11)   | NO   | PRI | NULL    |       |
| name       | varchar(40) | YES  |     | NULL    |       |
| phone_no   | int(11)   | YES  |     | NULL    |       |
| place_to_visit | varchar(40) | YES  |     | NULL    |       |
| date_of_journey | varchar(20) | YES  |     | NULL    |       |
| email_id   | varchar(20) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.026 sec)
```



PACKAGES:

```
MariaDB [tourism_management_system]> desc packages;
+-----+-----+-----+-----+-----+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| c_id           | int(11)       | YES  | MUL | NULL     |       |
| p_id           | int(11)       | YES  |     | NULL     |       |
| no_of_days     | int(11)       | YES  |     | NULL     |       |
| hotels         | varchar(40)   | YES  |     | NULL     |       |
| hotel_ratings  | varchar(20)   | YES  |     | NULL     |       |
| amount         | int(11)       | YES  |     | NULL     |       |
| H_contact_no   | int(11)       | YES  |     | NULL     |       |
+-----+-----+-----+-----+-----+-----+
7 rows in set (0.019 sec)
```

PAYMENT:

```
MariaDB [tourism_management_system]> desc payment;
+-----+-----+-----+-----+-----+-----+
| Field              | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| c_id               | int(11)       | YES  | MUL | NULL     |       |
| pay_id             | int(11)       | YES  |     | NULL     |       |
| no_of_tickets_book | int(11)       | YES  |     | NULL     |       |
| price_of_per_person | int(11)       | YES  |     | NULL     |       |
| total              | int(11)       | YES  |     | NULL     |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.018 sec)
```

STATE_MANAGE_BY_GUIDE:



```
MariaDB [tourism_management_system]> desc state_manage_by_guide;
```

Field	Type	Null	Key	Default	Extra
g_id	int(11)	NO	PRI	NULL	
c_id	int(11)	YES	MUL	NULL	
name	varchar(20)	YES		NULL	
place	varchar(40)	YES		NULL	
salary	int(11)	YES		NULL	
phone_no	int(11)	YES		NULL	

```
6 rows in set (0.017 sec)
```

TABLES:

CUSTOMER:

```
MariaDB [tourism_management_system]> select * from customer;
```

c_id	name	phone_no	place_to_visit	date_of_journy	email_id
1	rohit kamble	2147483647	goa	2023-01-01	kabmle@rohit
2	roshni panda	658676327	rajasthan	2023-01-03	pand@rosh
3	prachi chopda	845483463	himachal pradesh	2023-01-06	cho@prachi
4	suraj deshमुख	2147483647	gujrat	2023-01-09	desh@suraj
5	guru singh	2147483647	maharashtra	2023-01-15	sin@guru
6	aadarsh panighare	72356865	assam	2023-01-20	pani@aad
7	kunal gaikwad	626587654	karnataka	2023-01-25	gai@kunal
8	vaidahi sharma	2147483647	gujrat	2023-01-09	shar@vai
9	aarohi shelke	686655224	maharashtra	2023-01-15	shel@aaro
10	naina katiya	274687652	karnatka	2023-01-25	kat@naina
11	mahima thakur	484213846	uttrakhand	2023-01-30	thak@mahi
12	savio farnando	564321526	karnataka	2023-01-25	farn@savi
13	shivam jadhav	2147483647	goa	2023-01-01	jadh@shiv
14	sugat jadhav	854357136	himachal pradesh	2023-01-06	jadh@sugt
15	akash singh	2147483647	gujrat	2023-01-09	singh@ak
16	utkarsh varma	2147483647	goa	2023-01-01	varma@ut
17	payal sawant	2147483647	goa	2023-01-01	sawan@pa
18	akshata kanse	82658646	goa	2023-01-01	kan@aksh
19	manjiri chand	823352143	goa	2023-01-01	chan@manji
20	shruti velanke	156463768	himachal pradesh	2023-01-06	vel@shru
21	shubham visave	2147483647	rajasthan	2023-01-03	vis@shub
22	aniket chavhan	359656456	assam	2023-01-20	chav@ani

```
22 rows in set (0.001 sec)
```

PACKAGES:



MariaDB [tourism_management_system]> select * from packages;

c_id	p_id	no_of_days	hotels	hotel_ratings	amount	H_contact_no
1	101	6	hotel delluna	4 star	3000	2254823
2	102	7	clarks avadh	4 star	4000	2657654
3	103	12	hotel lakend	3 star	2500	756754
4	104	10	bella vista resort	4 star	3000	6574561
5	105	12	hotel spring	3 star	2000	6546852
6	106	10	villa hotel	4 star	3000	486548
7	107	9	hotel avratna	3 star	2000	7634233
8	108	10	wayle hotel	4 star	3000	2657656
9	109	12	hotel spring	3 star	2000	6546852
10	110	9	hotel avratna	3 star	2000	7634233
11	111	7	hotel quize	4 star	3000	2147483647
12	112	9	hotel avratna	3 star	2000	7634233
13	113	6	hotel delluna	4 star	3000	2254823
14	114	12	hotel lakend	3 star	2500	756754
15	115	10	bella vista resort	4 star	3000	6574561
16	116	6	hotel delluna	4 star	3000	2254823
17	117	6	hotel delluna	4 star	3000	2254823
18	118	6	hotel delluna	4 star	3000	2254823
19	119	6	hotel delluna	4 star	3000	2254823
20	120	12	hotel lakend	3 star	2500	756754
21	121	7	clarks avadh	4 star	4000	2657654
22	122	10	villa hotel	4 star	3000	486548

22 rows in set (0.012 sec)

PAYMENT:



```

MariaDB [tourism_management_system]> select * from payment;
+-----+-----+-----+-----+-----+
| c_id | pay_id | no_of_tickets_book | price_of_per_person | total |
+-----+-----+-----+-----+-----+
| 1 | 1001 | 5 | 10000 | 50000 |
| 2 | 1002 | 2 | 15000 | 30000 |
| 3 | 1003 | 3 | 18000 | 54000 |
| 4 | 1004 | 4 | 16000 | 64000 |
| 5 | 1005 | 2 | 12000 | 24000 |
| 6 | 1006 | 2 | 17000 | 34000 |
| 7 | 1007 | 4 | 15000 | 60000 |
| 8 | 1008 | 2 | 16000 | 32000 |
| 9 | 1009 | 3 | 12000 | 36000 |
| 10 | 1010 | 4 | 15000 | 60000 |
| 11 | 1011 | 2 | 18000 | 36000 |
| 12 | 1012 | 4 | 15000 | 60000 |
| 13 | 1013 | 3 | 10000 | 30000 |
| 14 | 1014 | 3 | 18000 | 54000 |
| 15 | 1015 | 4 | 16000 | 64000 |
| 16 | 1016 | 2 | 10000 | 20000 |
| 17 | 1017 | 2 | 10000 | 20000 |
| 18 | 1018 | 3 | 10000 | 30000 |
| 19 | 1019 | 2 | 10000 | 20000 |
| 20 | 1020 | 3 | 18000 | 54000 |
| 21 | 1021 | 3 | 15000 | 45000 |
| 22 | 1022 | 5 | 17000 | 85000 |
+-----+-----+-----+-----+-----+
22 rows in set (0.001 sec)

```

STATE_MANAGE_BY_GUIDE:



```
MariaDB [tourism_management_system]> select * from state_manage_by_guide;
```

g_id	c_id	name	place	salary	phone_no
101	1	ramesh kumar	goa	15000	263543545
102	2	mayur singh	rajasthan	16000	26765432
103	3	kulhad fahat	himachal pradesh	17000	2147483647
104	4	dabish nautik	gujrat	12000	168754366
105	5	suraj khattar	maharashtra	14000	1876465396
106	6	kunal thapa	assam	12000	87976543
107	7	nayan poinadu	karnataka	18000	2147483647
108	8	dabish nautik	gujrat	12000	168754366
109	9	suraj khattar	maharashtra	14000	1876465396
110	10	nayan poinadu	karnataka	18000	2147483647
111	11	darshan yadav	uttarakhand	13000	845432456
112	12	nayan poinadu	karnataka	18000	2147483647
113	13	ramesh kumar	goa	15000	263543545
114	14	kulhad fahat	himachal pradesh	17000	2147483647
115	15	dabish nautik	gujrat	12000	168754366
116	16	ramesh kumar	goa	15000	263543545
117	17	ramesh kumar	goa	15000	263543545
118	18	ramesh kumar	goa	15000	263543545
119	19	ramesh kumar	goa	15000	263543545
120	20	kulhad fahat	himachal pradesh	17000	2147483647
121	21	mayur singh	rajasthan	16000	26765432
122	22	kunal thapa	assam	12000	87976543

```
22 rows in set (0.002 sec)
```

SUBQUERIES:

1. Find the customer who have pay amount of the tour is grater than 50000?

```
MariaDB [tourism_management_system]> select * from customer where c_id in(select c_id from payment where total>50000);
```

c_id	name	phone_no	place_to_visit	date_of_journy	email_id
3	prachi chopda	845483463	himachal pradesh	2023-01-06	cho@prachi
4	suraj deshmkh	2147483647	gujrat	2023-01-09	desh@suraj
7	kunal galkwad	626587654	karnataka	2023-01-25	gai@kunal
10	naina katiya	274687652	karnatka	2023-01-25	kat@naina
12	savio farnando	564321526	karnataka	2023-01-25	farn@savi
14	sugat jadhav	854357136	himachal pradesh	2023-01-06	jadh@sugt
15	akash singh	2147483647	gujrat	2023-01-09	singh@ak
20	shruti velanke	156463768	himachal pradesh	2023-01-06	vel@shru
22	aniket chavhan	359656456	assam	2023-01-20	chav@ani

```
9 rows in set (0.011 sec)
```

2.find the customer's name who's under



Ramesh kumar who handle the tour of goa?

```
MariaDB [tourism_management_system]> select * from customer where c_id in(select c_id from state_manage_by_guide where name='ramesh kumar');
```

c_id	name	phone_no	place_to_visit	date_of_journy	email_id
1	rohit kamble	2147483647	goa	2023-01-01	kamble@rohit
13	shivam jadhav	2147483647	goa	2023-01-01	jadh@shiv
16	utkarsh varma	2147483647	goa	2023-01-01	varma@ut
17	payal sawant	2147483647	goa	2023-01-01	sawan@pa
18	akshata kanse	82658646	goa	2023-01-01	kan@aksh
19	manjiri chand	823352143	goa	2023-01-01	chan@manji

6 rows in set (0.005 sec)

3.how many customer is stay in 4 star hotel ratings?

```
MariaDB [tourism_management_system]> select * from customer where c_id in(select c_id from packages where hotel_ratings='4 star');
```

c_id	name	phone_no	place_to_visit	date_of_journy	email_id
1	rohit kamble	2147483647	goa	2023-01-01	kamble@rohit
2	roshni panda	658676327	rajasthan	2023-01-03	pand@rosh
4	suraj deshmukh	2147483647	gujrat	2023-01-09	desh@suraj
6	aadarsh panighare	72356865	assam	2023-01-20	pani@aad
8	vaidahi sharma	2147483647	gujrat	2023-01-09	shar@vai
11	mahima thakur	484213846	uttrakhand	2023-01-30	thak@mah
13	shivam jadhav	2147483647	goa	2023-01-01	jadh@shiv
15	akash singh	2147483647	gujrat	2023-01-09	singh@ak
16	utkarsh varma	2147483647	goa	2023-01-01	varma@ut
17	payal sawant	2147483647	goa	2023-01-01	sawan@pa
18	akshata kanse	82658646	goa	2023-01-01	kan@aksh
19	manjiri chand	823352143	goa	2023-01-01	chan@manji
21	shubham visave	2147483647	rajasthan	2023-01-03	vis@shub
22	aniket chavhan	359656456	assam	2023-01-20	chav@ani

14 rows in set (0.002 sec)

4.find the records of customer who's stay in hotel 'hotel delluna'?

```
MariaDB [tourism_management_system]> select * from customer where c_id in(select c_id from packages where hotels='hotel delluna');
```

c_id	name	phone_no	place_to_visit	date_of_journy	email_id
1	rohit kamble	2147483647	goa	2023-01-01	kamble@rohit
13	shivam jadhav	2147483647	goa	2023-01-01	jadh@shiv
16	utkarsh varma	2147483647	goa	2023-01-01	varma@ut
17	payal sawant	2147483647	goa	2023-01-01	sawan@pa
18	akshata kanse	82658646	goa	2023-01-01	kan@aksh
19	manjiri chand	823352143	goa	2023-01-01	chan@manji

6 rows in set (0.001 sec)

Joins:

1.inner join:

```
MariaDB [tourism_management_system]> select customer.name,customer.place_to_visit,payment.no_of_tickets_book,payment.total from customer inner join payment
-> on customer.c_id=payment.c_id;
```

name	place_to_visit	no_of_tickets_book	total
rohit kamble	goa	5	50000
roshni panda	rajasthan	2	30000
prachi chopda	himachal pradesh	3	54000
suraj deshमुख	gujrat	4	64000
guru singh	maharashtra	2	24000
aadarsh panighare	assam	2	34000
kunal gaikwad	karnataka	4	60000
vaidahi sharma	gujrat	2	32000
aarohi shelke	maharashtra	3	36000
naina katiya	karnatka	4	60000
mahima thakur	uttarakhand	2	36000
savio farnando	karnataka	4	60000
shivam jadhav	goa	3	30000
sugat jadhav	himachal pradesh	3	54000
akash singh	gujrat	4	64000
utkarsh varma	goa	2	20000
payal sawant	goa	2	20000
akshata kanse	goa	3	30000
manjiri chand	goa	2	20000
shruti velanke	himachal pradesh	3	54000
shubham visave	rajasthan	3	45000
aniket chavhan	assam	5	85000

22 rows in set (0.016 sec)

2.Cross join:

```
MariaDB [tourism_management_system]> select customer.name,customer.place_to_visit,state_manage_by_guide.name from customer cross join state_manage_by_guide
on customer.c_id=state_manage_by_guide.c_id;
```

name	place_to_visit	name
rohit kamble	goa	ramesh kumar
roshni panda	rajasthan	mayur singh
prachi chopda	himachal pradesh	kulhad fahat
suraj deshमुख	gujrat	dabish nautik
guru singh	maharashtra	suraj khattar
aadarsh panighare	assam	kunal thapa
kunal gaikwad	karnataka	nayan poinadu
vaidahi sharma	gujrat	dabish nautik
aarohi shelke	maharashtra	suraj khattar
naina katiya	karnatka	nayan poinadu
mahima thakur	uttarakhand	darshan yadav
savio farnando	karnataka	nayan poinadu
shivam jadhav	goa	ramesh kumar
sugat jadhav	himachal pradesh	kulhad fahat
akash singh	gujrat	dabish nautik
utkarsh varma	goa	ramesh kumar
payal sawant	goa	ramesh kumar
akshata kanse	goa	ramesh kumar
manjiri chand	goa	ramesh kumar
shruti velanke	himachal pradesh	kulhad fahat
shubham visave	rajasthan	mayur singh
aniket chavhan	assam	kunal thapa

22 rows in set (0.001 sec)



3.full join:

```
MariaDB [tourism_management_system]> select customer.name,customer.place_to_visit,packages.no_of_days,packages.hotels from customer left join packages on customer.c_id=packages.c_id union select customer.name,customer.place_to_visit,packages.no_of_days,packages.hotels from customer right join packages on customer.c_id=packages.c_id;
```

name	place_to_visit	no_of_days	hotels
rohit kamble	goa	6	hotel delluna
roshni panda	rajasthan	7	clarks avadh
prachi chopda	himachal pradesh	12	hotel lakend
suraj deshmukh	gujrat	10	bella vista resort
guru singh	maharashtra	12	hotel spring
aadarsh panighare	assam	10	villa hotel
kunal gaikwad	karnataka	9	hotel avratna
vaidehi sharma	gujrat	10	mayle hotel
aarohi shelke	maharashtra	12	hotel spring
naina katiya	karnatka	9	hotel avratna
mahima thakur	uttrakhand	7	hotel quize
savio farnando	karnataka	9	hotel avratna
shivam jadhav	goa	6	hotel delluna
sugat jadhav	himachal pradesh	12	hotel lakend
akash singh	gujrat	10	bella vista resort
utkarsh varma	goa	6	hotel delluna
payal sawant	goa	6	hotel delluna
akshata kanse	goa	6	hotel delluna
manjiri chand	goa	6	hotel delluna
shruti velanke	himachal pradesh	12	hotel lakend
shubham visave	rajasthan	7	clarks avadh
aniket chavhan	assam	10	villa hotel

22 rows in set (0.003 sec)



VIEW:

```
MariaDB [tourism_management_system]> create view customer_information as select customer.c_id,customer.name,customer.place_to_visit,customer.date_of_journy,
payment.no_of_tickets_book,payment.total from customer,payment where customer.c_id=payment.c_id;
Query OK, 0 rows affected (0.009 sec)
```

```
MariaDB [tourism_management_system]> select * from customer_information;
```

c_id	name	place_to_visit	date_of_journy	no_of_tickets_book	total
1	rohit kamble	goa	2023-01-01	5	50000
2	roshni panda	rajasthan	2023-01-03	2	30000
3	prachi chopda	himachal pradesh	2023-01-06	3	54000
4	suraj deshmuKh	gujrat	2023-01-09	4	64000
5	guru singh	maharashtra	2023-01-15	2	24000
6	aadarsh panighare	assam	2023-01-20	2	34000
7	kunal gaikwad	karnataka	2023-01-25	4	60000
8	vaidahi sharma	gujrat	2023-01-09	2	32000
9	aarohi shelke	maharashtra	2023-01-15	3	36000
10	naina katiya	karnatka	2023-01-25	4	60000
11	mahima thakur	uttrakhand	2023-01-30	2	36000
12	savio farnando	karnataka	2023-01-25	4	60000
13	shivam jadhav	goa	2023-01-01	3	30000
14	sugat jadhav	himachal pradesh	2023-01-06	3	54000
15	akash singh	gujrat	2023-01-09	4	64000
16	utkarsh varma	goa	2023-01-01	2	20000
17	payal sawant	goa	2023-01-01	2	20000
18	akshata kanse	goa	2023-01-01	3	30000
19	manjiri chand	goa	2023-01-01	2	20000
20	shruti velanke	himachal pradesh	2023-01-06	3	54000
21	shubham visave	rajasthan	2023-01-03	3	45000
22	aniket chavhan	assam	2023-01-20	5	85000

```
22 rows in set (0.002 sec)
```

