***ANUDIP FOUNDATION***

A Project Report on

**TOUR AND TRAVEL MANAGEMENT SYSTEM**

By

Batch: ANP-C7344

Student ID: AF0368542

Name: Gayatri Kade

**Under the Guidance of**

Mrs. Rajshri Chandrabhan Thete

TOUR AND TRAVEL MANAGEMENT SYSTEM

The main objective of the Tour and Travel Management System is to manage the details of Customer, Hotel Booking, Transportation and Tourism places. It manages all the information about Users, Hotel, Packages etc. It aims to help tourism companies to manage tour packages.

**Entities:**

* Admin
* Transportation
* Booking
* User
* Tour
* Feedback
* Payment

**VARIOUS ENTITIES**

1. **Admin**

* Admin\_ID (Primary key)
* Admin\_username
* Admin\_password
* Admin\_email

1. **User**

* User\_ID (Primary key)
* User\_pasword
* User\_mobile
* User\_username

1. **Tour**

* Tour\_ID (Primary key)
* Tour\_type
* Tour\_Name
* Tour\_place
* Cutomer\_ID

1. **Booking**

* Booking\_ID (Primary Key)
* Booking\_userID
* Booking\_date
* Booking\_price
* Booking\_type
* Booking\_title
* Booking\_desc

1. **Transportation**

* Transportation\_ID (Primary Key)
* Transportation\_date
* Transportation\_name
* Transportation location
* Transpoatation\_type

1. **Payment**

* payment\_id (Primary key)
* payment\_customer\_id
* payment \_date
* payment\_amount

1. **Feddback**

* Feedback\_ID (Primary key)
* Feedback\_rating
* Feedback\_text
* Booking\_ID
* User\_ID

**ENTITY RELATIONSHIP DIAGRAM - TOUR AND TRAVEL**  **MANAGEMENT SYSTEM**

**User**

**Admin**

manage

1 m

**Payment**

make

1

has

m

m

**Transportation**

m

1

has

has

has

**Tour**

1 1

**Booking**

m

m

has

**Feedback**

m m

**CLASS DIAGRAM FOR TOUR AND TRAVEL**  **MANAGEMENT SYSTEM**

m

* Feedback\_ID
* Feedback\_rating
* Feedback\_text
* Booking\_ID
* User\_ID

Feedback Class

Transportation class

* Transportation\_ID
* Transportation\_date
* Transportation\_name
* Transportation location
* Transpoatation\_type
* Payment\_ID
* Payement\_date
* Payment\_amount
* UserID
* BookingID
* Tour\_ID
* Tour\_type
* Tour\_Name
* Tour\_place
* Cutomer\_ID
* Booking\_ID
* Booking\_userID
* Booking\_date
* Booking\_price
* Booking\_type

Payment Class

Tour class

Booking Class

* Admin\_ID
* Admin\_username
* Admin\_password
* Admin\_email

Admin

* User\_iD
* User\_pasword
* User\_mobile
* User\_username

User Class

m

**CONCLUSION**

The conclusion drawn from implementing a tour and travel management system is that it streamlines operations, enhances customer experience, improves resource allocation, facilitates better decision-making, and ultimately contributes to the sustainable growth and success of the tourism industry.

**Database creation**

mysql> create database Tour\_Travel\_Management\_System;

mysql> use Tour\_Travel\_Management\_System;

Database changed

mysql> create table Admin(Admin\_id INT PRIMARY KEY,Admin\_username varchar(100),Admin\_password varchar(100),Admin\_email varchar(100));

mysql> desc Admin;

+----------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+----------------+--------------+------+-----+---------+-------+

| Admin\_id | int | NO | PRI | NULL | |

| Admin\_username | varchar(100) | YES | | NULL | |

| Admin\_password | varchar(100) | YES | | NULL | |

| Admin\_email | varchar(100) | YES | | NULL | |

+----------------+--------------+------+-----+---------+-------+

4 rows in set (0.03 sec)

mysql> insert into Admin (Admin\_id,Admin\_username,Admin\_password,Admin\_email) VALUES(1001,'Jhon\_Doe','admin12','jhondoe@gmail.com','3672410898');

mysql> select \* from Admin;

+----------+----------------+----------------+------------------------+

| Admin\_id | Admin\_username | Admin\_password | Admin\_email |

+----------+----------------+----------------+------------------------+

| 1001 | Jhon\_Doe | admin12 | jhondoe@gmail.com |

| 1002 | Jane\_Smith | admin@123 | janesmith@gmail.com |

| 1003 | Alice\_Johnson | admin#12 | alicejohnson@gmail.com |

| 1004 | Emily\_Davis | admin\_10 | emilydavis@gmail.com |

| 1005 | Bob\_Brown | \_admin20 | bobbrown@gmail.com |

+----------+----------------+----------------+------------------------+

5 rows in set (0.01 sec)

mysql> create table User(User\_id INT PRIMARY KEY,User\_username varchar(100),User\_password varchar(100),User\_mobile\_no Int(11));

mysql> desc User;

+----------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+----------------+--------------+------+-----+---------+-------+

| User\_id | int | NO | PRI | NULL | |

| User\_username | varchar(100) | YES | | NULL | |

| User\_password | varchar(100) | YES | | NULL | |

| User\_mobile\_no | int | YES | | NULL | |

+----------------+--------------+------+-----+---------+-------+

4 rows in set (0.01 sec)

mysql> INSERT INTO User(User\_id,User\_username,User\_password,User\_mobile\_no) VALUES(2001,'Ishaan\_Sharma','Ishaan@123',3452678931);

mysql> INSERT INTO User(User\_id,User\_username,User\_password,User\_mobile\_no) VALUES(2002,'Niya\_Sharma','Niya#123',2345612383);

mysql> INSERT INTO User(User\_id,User\_username,User\_password,User\_mobile\_no) VALUES(2003,'Navi\_Roy','Navi\_10',4356719032);

mysql> INSERT INTO User(User\_id,User\_username,User\_password,User\_mobile\_no) VALUES(2004,'Amer\_Patel','\_Amer\_50',2315167897);

mysql> INSERT INTO User(User\_id,User\_username,User\_password,User\_mobile\_no) VALUES(2005,'Agastya\_Mail','Agastya@@123',2345608902);

mysql> select \* from User;

+---------+---------------+---------------+----------------+

| User\_id | User\_username | User\_password | User\_mobile\_no |

+---------+---------------+---------------+----------------+

| 2001 | Ishaan\_Sharma | Ishaan@123 | 3452678931 |

| 2002 | Niya\_Sharma | Niya#123 | 2345612383 |

| 2003 | Navi\_Roy | Navi\_10 | 4356719032 |

| 2004 | Amer\_Patel | \_Amer\_50 | 2315167897 |

| 2005 | Agastya\_Mail | Agastya@@123 | 2345608902 |

+---------+---------------+---------------+----------------+

mysql>create table Transportation(Transportation\_id INT PRIMARY KEY,Transportation\_type varchar(100),Transportation\_location varchar(100) , Transportation\_date date);

mysql> INSERT INTO Transportation(Transportation\_id,Transportation\_type,Transportation\_location,Transportation\_date) VALUES(4001,'Flight','Paris','2024/07/0');

mysql> INSERT INTO Transportation(Transportation\_id,Transportation\_type,Transportation\_location,Transportation\_date) VALUES(4002,'Car','Bahamas','2024/10/05');

mysql> INSERT INTO Transportation(Transportation\_id,Transportation\_type,Transportation\_location,Transportation\_date) VALUES(4003,'Cruise','Melbourne','2024/08/15');

mysql> INSERT INTO Transportation(Transportation\_id,Transportation\_type,Transportation\_location,Transportation\_date) VALUES(4004,'Train','London','2024/09/20');

mysql> INSERT INTO Transportation(Transportation\_id,Transportation\_type,Transportation\_location,Transportation\_date) VALUES(4005,'Flight','NewYork','2024/05/10');

mysql> select \* from Transportation;

+-------------------+---------------------+-------------------------+---------------------+

| Transportation\_id | Transportation\_type | Transportation\_location | Transportation\_date |

+-------------------+---------------------+-------------------------+---------------------+

| 4001 | Flight | Paris | 2024-07-02 |

| 4002 | Car | Bahamas | 2024-10-05 |

| 4003 | Cruise | Melbourne | 2024-08-15 |

| 4004 | Train | London | 2024-09-20 |

| 4005 | Flight | NewYork | 2024-05-10 |

+-------------------+---------------------+-------------------------+---------------------+

5 rows in set (0.00 sec)