***ANUDIP FOUNDATION***

A Project Report on

**TOUR AND TRAVEL MANAGEMENT SYSTEM**

By

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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)
* username
* password
* email address

1. **User**

* User\_ID (Primary key)
* Password
* Username
* email address
* Mobile no

1. **Tour**

* Tour\_ID (Primary key)
* Tour\_Name
* place
* Start Date
* End Date
* User\_ID (Foreign key)

1. **Booking**

* Booking\_ID (Primary Key)
* Date
* Price
* Type
* User\_ID (Foreign key)

1. **Transportation**

* transportation\_ID (Primary Key)
* Name
* date
* location
* Type

1. **Payment**

* Payment\_ID (Primary key)
* Date
* Amount
* Method
* Transaction\_ID
* User\_ID (Foreign key)

1. **Feedback**

* Feedback\_ID (Primary key)
* Rating
* Comment Text
* Date
* Booking\_ID (Foreign key)

**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

**DATABASE CREATION:**

mysql> create database tour\_managment;

Query OK, 1 row affected (0.24 sec)

mysql> use tour\_managment;

Database changed

mysql> create table admin(admin\_id int primary key,username varchar(30),password varchar(20),email\_address varchar(35),mobine\_no varchar(10));

Query OK, 0 rows affected (0.30 sec)

mysql> create table user(User\_id int primary key,username varchar(30),password varchar(35),email\_address varchar(30),mobile\_no varchar(10));

Query OK, 0 rows affected (0.12 sec)

mysql> create table tour(tour\_id int primary key,tour\_name varchar(55),place varchar(50),start\_date date,end\_date date,user\_id int);

Query OK, 0 rows affected (0.10 sec)

mysql> create table booking(booking\_id int primary key,date date,amount int,type varchar(40),user\_id int);

Query OK, 0 rows affected (0.09 sec)

mysql> create table transportation(transportation\_id int primary key,name varchar(50),date date,location varchar(60),type varchar(55));

Query OK, 0 rows affected (0.10 sec)

mysql> create table Payment(payment\_id int primary key,date date,amount varchar(30),Method varchar(60),transaction\_id int,user\_id int);

Query OK, 0 rows affected (0.09 sec)

mysql> create table feedback(feedback\_id int primary key,ratting varchar(30),comment\_text varchar(100),date date,booking\_id int);

Query OK, 0 rows affected (0.10 sec)

mysql> alter table booking add foreign key (booking\_id) references booking(booking\_id);

mysql> alter table feedback add foreign key (booking\_id) references booking(booking\_id);

Query OK, 0 rows affected (0.45 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> alter table tour add foreign key (user\_id) references user(user\_id);

Query OK, 0 rows affected (0.39 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> alter table booking add foreign key (user\_id) references user(user\_id);

Query OK, 0 rows affected (0.31 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> alter table payment add foreign key (user\_id) references user(user\_id);

Query OK, 0 rows affected (0.39 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> show tables;

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| Tables\_in\_tour\_managment |

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

| admin |

| booking |

| feedback |

| payment |

| tour |

| transportation |

| user |

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

**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.