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)
- Admin_username
- Admin_password
- Admin_email

2. User
- User_ID (Primary key)
- User_pasword
- User_mobile
- User_username

3. Tour

- Tour_ID (Primary key)
- Tour_type
- Tour_Name
- Tour_place
- Cutomer_ID

4. Booking

- Booking_ID (Primary Key)
- Booking_userID
- Booking_date
- Booking_price
- Booking_type
- Booking_title
- Booking_desc

5. Transportation

- Transportation_ID (Primary Key)
- Transportation_date
- Transportation_name
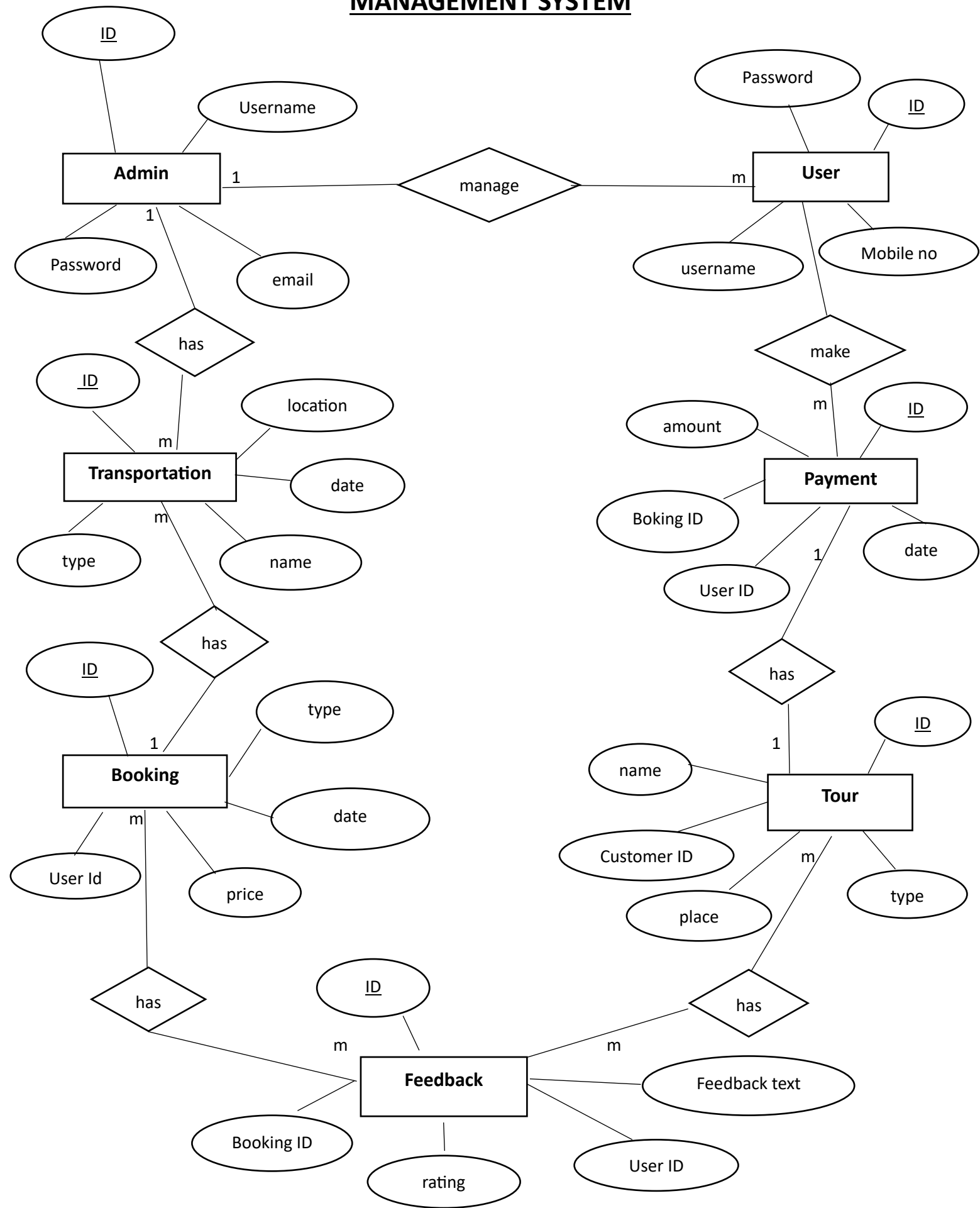- Transportation location
- Transpoatation_type

6. Payment

- payment_id (Primary key)
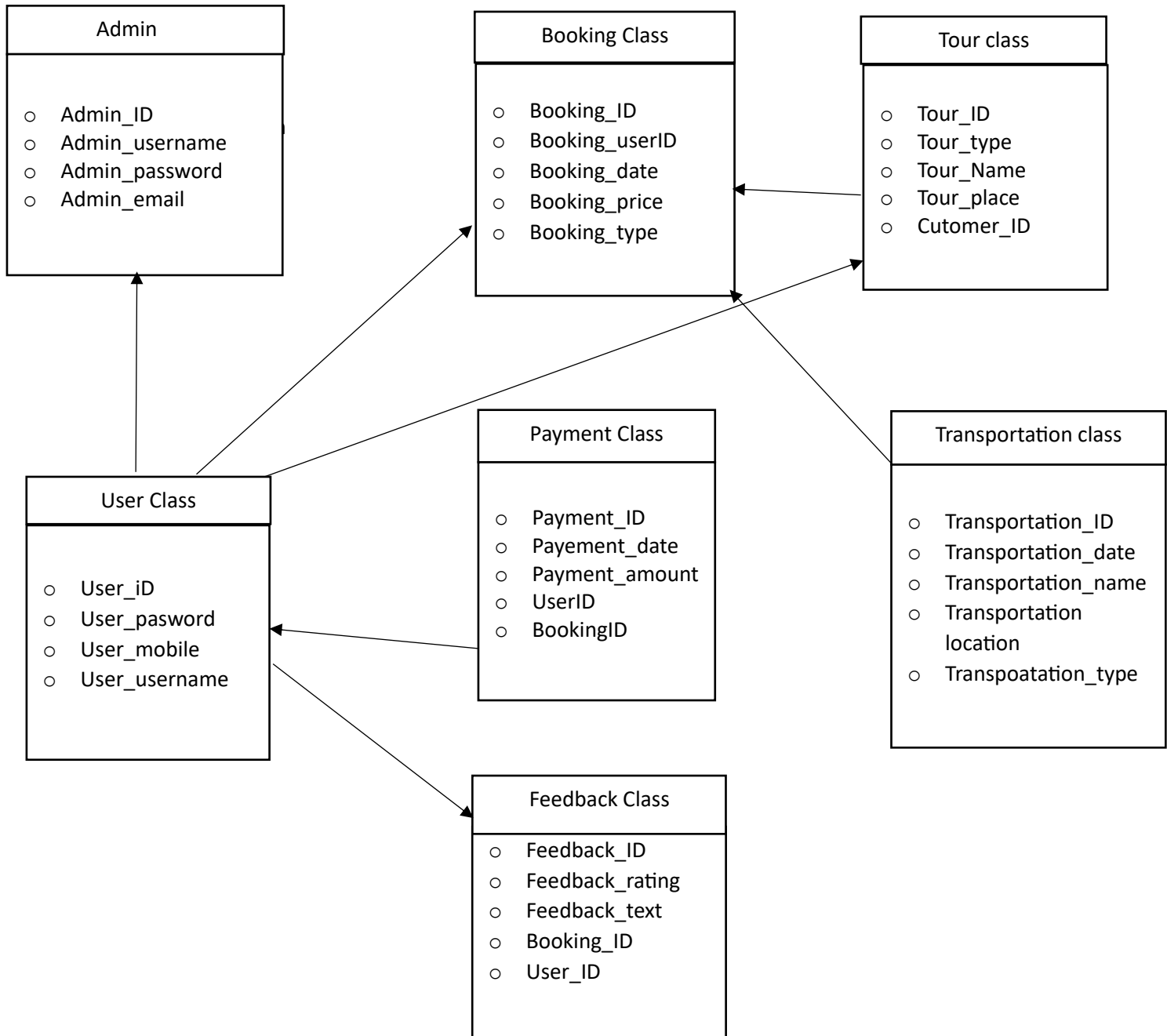- payment_customer_id
- payment _date
- payment_amount

7. Feddback

- Feedback_ID (Primary key)
- Feedback_rating
- Feedback_text
- Booking_ID
- User_ID

ENTITY RELATIONSHIP DIAGRAM - TOUR AND TRAVEL MANAGEMENT SYSTEM

CLASS DIAGRAM FOR TOUR AND TRAVEL MANAGEMENT SYSTEM

Admin

- Admin_ID
- Admin_username
- Admin_password
- Admin_email

Booking Class

- Booking_ID
- Booking_userID
- Booking_date
- Booking_price
- Booking_type

Tour class

- Tour_ID
- Tour_type
- Tour_Name
- Tour_place
- Cutomer_ID

User Class

- User_iD
- User_pasword
- User_mobile
- User_username

Payment Class

- Payment_ID
- Payement_date
- Payment_amount
- UserID
- BookingID

Transportation class

- Transportation_ID
- Transportation_date
- Transportation_name
- Transportation location
- Transpoatation_type

Feedback Class

- Feedback_ID
- Feedback_rating
- Feedback_text
- Booking_ID
- User_ID

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,Transportatio
n_date) VALUES(4001,'Flight','Paris','2024/07/0');

mysql>                          INSERT                          INTO
Transportation(Transportation_id,Transportation_type,Transportation_location,Transportatio
n_date) VALUES(4002,'Car','Bahamas','2024/10/05');

mysql>                          INSERT                          INTO
Transportation(Transportation_id,Transportation_type,Transportation_location,Transportatio
n_date) VALUES(4003,'Cruise','Melbourne','2024/08/15');

mysql>                          INSERT                          INTO
Transportation(Transportation_id,Transportation_type,Transportation_location,Transportatio
n_date) VALUES(4004,'Train','London','2024/09/20');

mysql>                          INSERT                          INTO
Transportation(Transportation_id,Transportation_type,Transportation_location,Transportatio
n_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)
```

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.