PSYCH MY TRIP

A Tours & Travel Agency located in Mysuru, Karnataka.
They deal in arranging domestic and international travel packages for their customers.

SAKLESHPURA AND CHIKMAGALUR

Psych My Trip coordially invite you to our latest trip package!

INTRODUCTION

Introducing our team along with an Introduction to our DBMS Project Idea.

OUR TEAM

N ADITYA BHAT (4NI19IS051)
PANNAGA G R (4NI19IS059)
PRADYOTH P (4NI19IS062)
RAKESH R (4NI19IS074)

OVERVIEW

Psych My Trip is a Travel Agency based out of Mysuru, Karnataka. They are Mysuru's one-stop-travel solution that is transforming how Mysurians travel. Powered by young minds with a vision, they're helping their Customers go places with their services. From cabs, buses, trains, flights to hotels, homestays, holiday packages, and more – we cater to the ever-evolving needs of travelers across the spectrum by offering competitive, well-priced packages which are pocket-friendly and offer a semi-luxurious experience to Travellers.

OBJECTIVE

This mini-project aims at developing a database management system of a Travel agency and demonstrates the benefits of using a database management system to maintain information about local businesses. It can be easily customized as per the requirements of the Travel agency. The project will also let the Agency access specific data using certain commands.

WHY?

The need for this Project to have a Database.

PSYCH MY TRIP

REASON #1

Reduces Human Effort and Operating Costs of the Company on the long run.

REASON #2

Retrieval of Specific Data as and when needed for Company Purposes.

REASON #3

Scope for Business Expansion!
If in case the business wants to go online, we will already have the Database part ready!

TRIP PACKAGES

Most Convenient Method for Individuals to Travel with utmost peace of mind and not worry about budget issues.

PSYCH MY TRIP

HASSLE FREE EXPERIENCE

Spend the best moments visiting some of the finest places on Earth with your near and dear ones!
We take care of all your needs! From Transport to Stay and From Food to Tickets, We will ensure you do not have to spend a single penny for essential commodities on any of our trips!

PICTURES OF OUR HAPPY CUSTOMERS FROM THEIR DANDELI - SIRSI TRIP

Target Market

Who are the customers we want to cater to?

Target Market 1

Middle Class Families of Tier 2 cities

Target Market 2

Students on a budget going on trips with their Friends!

MARKET SIZE

Mysuru has a population of 12.35 Lakhs.
Over 14 Lakh Tourists visit Mysuru.
This includes over 43,000 Foreigners.

12.35 Lakh

TOTAL POPULATION OF MYSURU CITY

>14 Lakh

TOURISTS VISIT MYSURU ANNUALLY

Business or Revenue Model

The idea through which the company plans to make money.

Customers pick the aggressively priced Trip Packages suitable for them or request our Trip Planner to design a package suitable for their needs.

Psych My Trip partners with Hotel Groups and other Travel Partners in order to reduce Costs.

Psych My Trip will also provide options for Local Sightseeing in Mysuru which will attract many Tourists and boost Revenue significantly with low cost of Operation.

DATABASE IMPLEMENTATION

Database implementation is the process of installation of database software, configuration, customization, running, testing, integrating with applications, and training the users.

Our database has been implemented using MySQL, an open-source relational database management system. This was done using various SQL statements like DML(Data Manipulation Language), DDL(Data Definition Language), DCL(Data Control Language), etc.

Database Structure

The upcoming slides will briefly give you an idea about our Database created for demo purposes.

Tables Included

A list of the Tables included in the Database made for Psych My Trip.

- Employee
- TripPackages
- Customer
- Expenses
- Partners

Views Included

A list of the Views included in the Database made for Psych My Trip.

- empsal
- profdisplay
- officeexp

Structure of Employee table

```
mysql> desc Employee;
+--------------+-------------+------+-----+---------+-------+
| Field        | Type        | Null | Key | Default | Extra |
+--------------+-------------+------+-----+---------+-------+
| Emp_ID       | int         | NO   | PRI | NULL    |       |
| Emp_Name     | varchar(20) | YES  |     | NULL    |       |
| Age          | int         | YES  |     | NULL    |       |
| Salary       | int         | YES  |     | NULL    |       |
| Designation  | varchar(20) | YES  |     | NULL    |       |
| Date_of_Join | date        | YES  |     | NULL    |       |
| Manager_ID   | int         | YES  |     | NULL    |       |
| Part_No      | int         | YES  | MUL | NULL    |       |
| Emp_Rating   | int         | YES  |     | NULL    |       |
+--------------+-------------+------+-----+---------+-------+
9 rows in set (0.00 sec)
```

Contents of Employee table

```
mysql> select * from Employee;
+--------+-----------+------+--------+--------------------+-------------+------------+---------+------------+
| Emp_ID | Emp_Name  | Age  | Salary | Designation        | Date_of_Join | Manager_ID | Part_No | Emp_Rating |
+--------+-----------+------+--------+--------------------+-------------+------------+---------+------------+
|      1 | Akash     |   45 | 214286 | Manager            | 2005-05-10   |          1 |       1 |          5 |
|      2 | Ramesh    |   42 | 214286 | Manager            | 2005-05-10   |          2 |       1 |          5 |
|      3 | Suresh    |   40 | 214286 | Manager            | 2005-05-10   |          3 |       1 |          5 |
|      4 | Ganesh    |   35 |  44000 | Security           | 2009-09-12   |          1 |       1 |          5 |
|      5 | Govinda   |   30 |  71200 | Travel Agent       | 2010-08-22   |          2 |       1 |          4 |
|      6 | Sebastian |   27 |  70400 | Travel Agent       | 2015-06-30   |          3 |       1 |          3 |
|      7 | Anvitha   |   25 |  90000 | Receptionist       | 2017-06-30   |          1 |       2 |          4 |
|      8 | Suzie     |   29 | 150000 | Trip Planner       | 2018-04-06   |          2 |       2 |          4 |
|      9 | Arun      |   22 | 124286 | Trip Manager       | 2020-01-25   |          1 |       2 |          3 |
|     10 | Ansari    |   32 | 175714 | Customer Executive | 2013-02-19   |          3 |       2 |          5 |
|     11 | Angel     |   31 | 171429 | Customer Executive | 2014-04-19   |          1 |       2 |          5 |
|     12 | Bharath   |   28 | 167143 | Customer Executive | 2019-04-22   |          2 |       2 |          3 |
+--------+-----------+------+--------+--------------------+-------------+------------+---------+------------+
12 rows in set (0.00 sec)
```

Structure of TripPackages table

```
mysql> desc TripPackages;
+-----------------+-------------+------+-----+---------+-------+
| Field           | Type        | Null | Key | Default | Extra |
+-----------------+-------------+------+-----+---------+-------+
| P_ID            | int         | NO   | PRI | NULL    |       |
| P_Name          | varchar(20) | YES  |     | NULL    |       |
| Destination     | varchar(20) | YES  |     | NULL    |       |
| Number_of_Days | int         | YES  |     | NULL    |       |
| Price           | int         | YES  |     | NULL    |       |
| Profit          | int         | YES  |     | NULL    |       |
+-----------------+-------------+------+-----+---------+-------+
6 rows in set (0.01 sec)
```

Contents of TripPackages table

```
mysql> select * from TripPackages;
+------+--------------------+-----------------+---------------+--------+--------+
| P_ID | P_Name             | Destination     | Number_of_Days | Price  | Profit |
+------+--------------------+-----------------+---------------+--------+--------+
|    1 | 4P:Dandeli         | Dandeli         |             5 |  60000 |  20000 |
|    2 | 6P:Dandeli         | Dandeli         |             5 |  84000 |  30000 |
|    3 | Honeymoon:Paris    | Paris           |             9 | 480000 | 180000 |
|    4 | Honeymoon:Andaman  | Andaman&Nicobar |             9 | 300000 | 110000 |
|    5 | Honeymoon:Bali     | Bali            |             9 | 400000 | 190000 |
|    6 | Honeymoon:Maldives | Maldives        |             9 | 340000 | 160000 |
|    7 | Honeymoon:Monaco   | Monaco          |             9 | 500000 | 230000 |
|    8 | 2P:Manali          | Manali          |             6 |  50000 |  10000 |
|    9 | 2P:Kedarnath       | Kedarnath       |             5 |  40000 |   9000 |
|   10 | 2P:Mumbai          | Mumbai          |             5 |  70000 |  14000 |
|   11 | 2P:Delhi           | Delhi           |             5 |  65000 |  15000 |
|   12 | 10P:HimalayaTrek   | Himachal Pradesh |            10 | 800000 | 300000 |
|   13 | 2P:HimalayaTrek    | Himachal Pradesh |            10 | 200000 |  50000 |
|   14 | 2P:Goa             | Goa             |             6 |  18000 |   4000 |
|   15 | 4P:Shirdi          | Shirdi          |             4 |  20000 |   5000 |
|   16 | 2P:Ooty            | Ooty            |             3 |  10000 |   3000 |
|   17 | 2P:Kodaikanal      | Kodaikanal      |             4 |  16000 |   5000 |
|   18 | 2P:MysuruLocalTour | Mysuru          |             3 |   8000 |   4000 |
+------+--------------------+-----------------+---------------+--------+--------+
18 rows in set (0.00 sec)
```

Structure of Partner table

```
mysql> desc Partners;
+------------+-------------+------+-----+---------+-------+
| Field      | Type        | Null | Key | Default | Extra |
+------------+-------------+------+-----+---------+-------+
| Part_No    | int         | NO   | PRI | NULL    |       |
| Part_Name  | varchar(20) | YES  |     | NULL    |       |
| Part_Stake | int         | YES  |     | NULL    |       |
+------------+-------------+------+-----+---------+-------+
3 rows in set (0.00 sec)
```

Contents of Partner table

```
mysql> select * from Partners;
+----------+------------+--------------+
| Part_No  | Part_Name  | Part_Stake   |
+----------+------------+--------------+
|        1 | Sharma     |           50 |
|        2 | Rohit      |           50 |
+----------+------------+--------------+
2 rows in set (0.00 sec)
```

Structure of Customer table

```
mysql> desc Customer;
+-----------+-------------+------+-----+---------+-------+
| Field     | Type        | Null | Key | Default | Extra |
+-----------+-------------+------+-----+---------+-------+
| Cust_No   | int         | NO   | PRI | NULL    |       |
| Cust_Name | varchar(20) | YES  |     | NULL    |       |
| P_ID      | int         | YES  | MUL | NULL    |       |
| Emp_ID    | int         | YES  | MUL | NULL    |       |
+-----------+-------------+------+-----+---------+-------+
4 rows in set (0.01 sec)
```

Contents of Customer table

```
mysql> select * from Customer;
+---------+-------------+------+--------+
| Cust_No | Cust_Name   | P_ID | Emp_ID |
+---------+-------------+------+--------+
|       1 | Manjesh     |   16 |     12 |
|       2 | Yadava      |   18 |     11 |
|       3 | Kumar       |    7 |     10 |
|       4 | Joshi       |   14 |     12 |
|       5 | Nidhima     |    5 |     11 |
|       6 | Diya        |   12 |     10 |
|       7 | Eshaan      |   15 |     10 |
|       8 | Jitendra    |    2 |     11 |
|       9 | Madhushree  |   17 |     12 |
|      10 | Binod       |   11 |     10 |
|      11 | Vaishnavi   |   13 |     12 |
|      12 | Rakshith    |   13 |     11 |
|      13 | Hrishikesh  |    3 |     10 |
|      14 | Chandan     |    9 |     11 |
|      15 | Naveen      |    6 |     12 |
|      16 | Rajesh      |    1 |     10 |
|      17 | Sharath     |    6 |     11 |
|      18 | Pratima     |    7 |     12 |
|      19 | Raghavendra |   15 |     10 |
|      20 | Adeep       |   16 |     11 |
|      21 | Holla       |    4 |     12 |
|      22 | Amaan       |    7 |     10 |
|      23 | Arya        |    4 |     11 |
|      24 | Srushti     |   12 |     12 |
|      25 | Bhat        |   18 |     10 |
|      26 | Sindhu      |    8 |     11 |
|      27 | Bindu       |    9 |     12 |
|      28 | Mary        |   10 |     10 |
|      29 | Goku        |   11 |     11 |
|      30 | Vegeta      |   14 |     12 |
|      31 | Sujan       |    4 |     10 |
|      32 | Neha        |    3 |     11 |
+---------+-------------+------+--------+
32 rows in set (0.00 sec)
```

Structure of Expenses table

```
mysql> desc Expenses;
+---------------+-------------+------+-----+---------+-------+
| Field         | Type        | Null | Key | Default | Extra |
+---------------+-------------+------+-----+---------+-------+
| Sl_no         | int         | YES  |     | NULL    |       |
| Exp_name      | varchar(20) | YES  |     | NULL    |       |
| Cost_per_year | int         | YES  |     | NULL    |       |
+---------------+-------------+------+-----+---------+-------+
3 rows in set (0.00 sec)
```

Contents of Expenses table

```
mysql> select * from Expenses;
+-------+-------------+----------------+
| Sl_no | Exp_name    | Cost_per_year  |
+-------+-------------+----------------+
|     1 | Electricity |           6000 |
|     2 | Water Bill  |           1000 |
|     3 | WiFi        |           4800 |
|     4 | Rent        |          80000 |
|     5 | Food&misc   |         133333 |
|     6 | Tax         |          33333 |
|     7 | Phone Bill  |           2000 |
|     8 | New items   |          33333 |
+-------+-------------+----------------+
```

Contents of the VIEW empsal

```
mysql> select * from empsal;
+-----------------+
| Total_Sal_2020 |
+-----------------+
|         1707030 |
+-----------------+
1 row in set (0.00 sec)
```

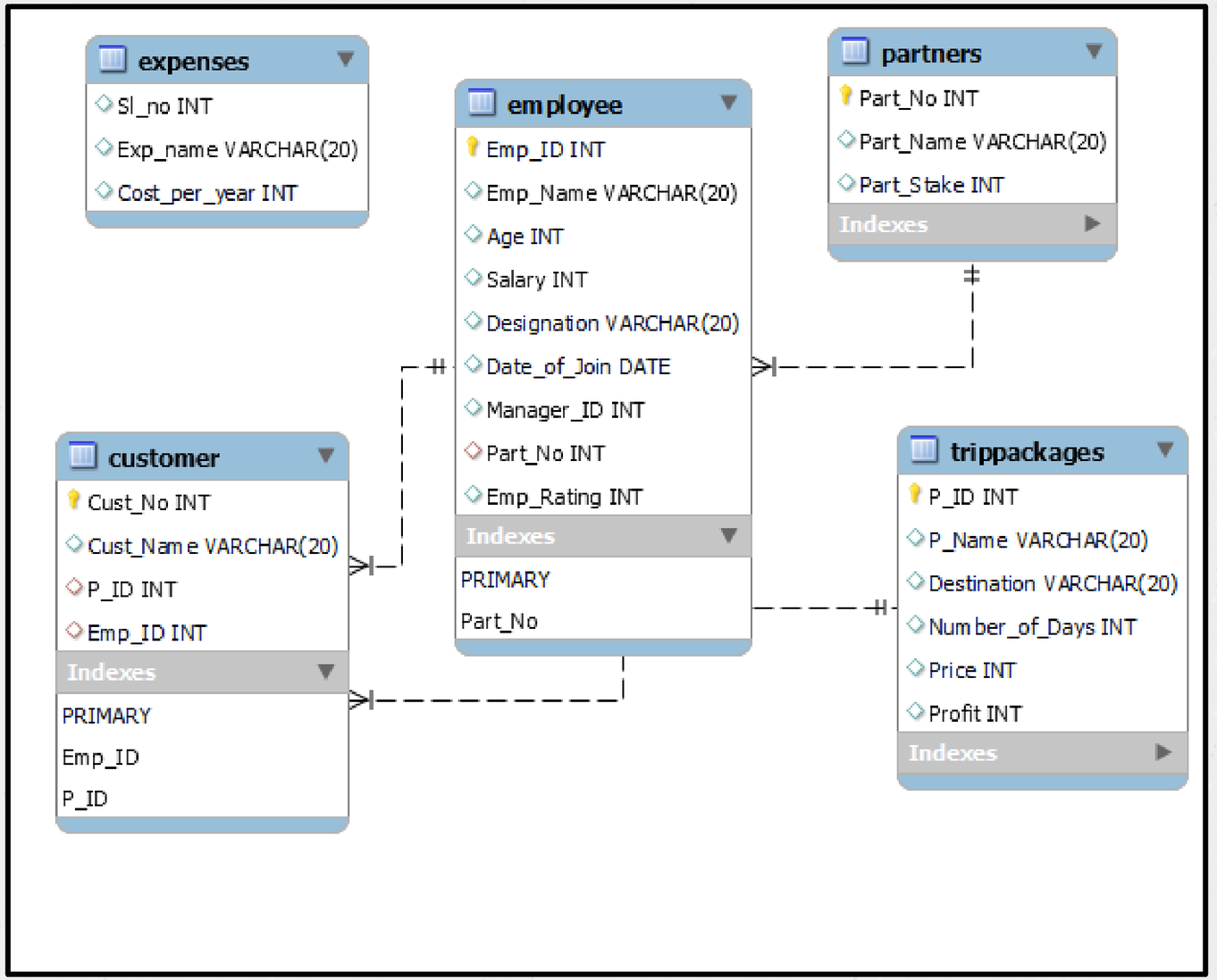
Contents of the VIEW officeexp

```
mysql> select * from officeexp;
+--------------------------+
| Total_OfficeExp_2020 |
+--------------------------+
|                   293799 |
+--------------------------+
1 row in set (0.01 sec)
```

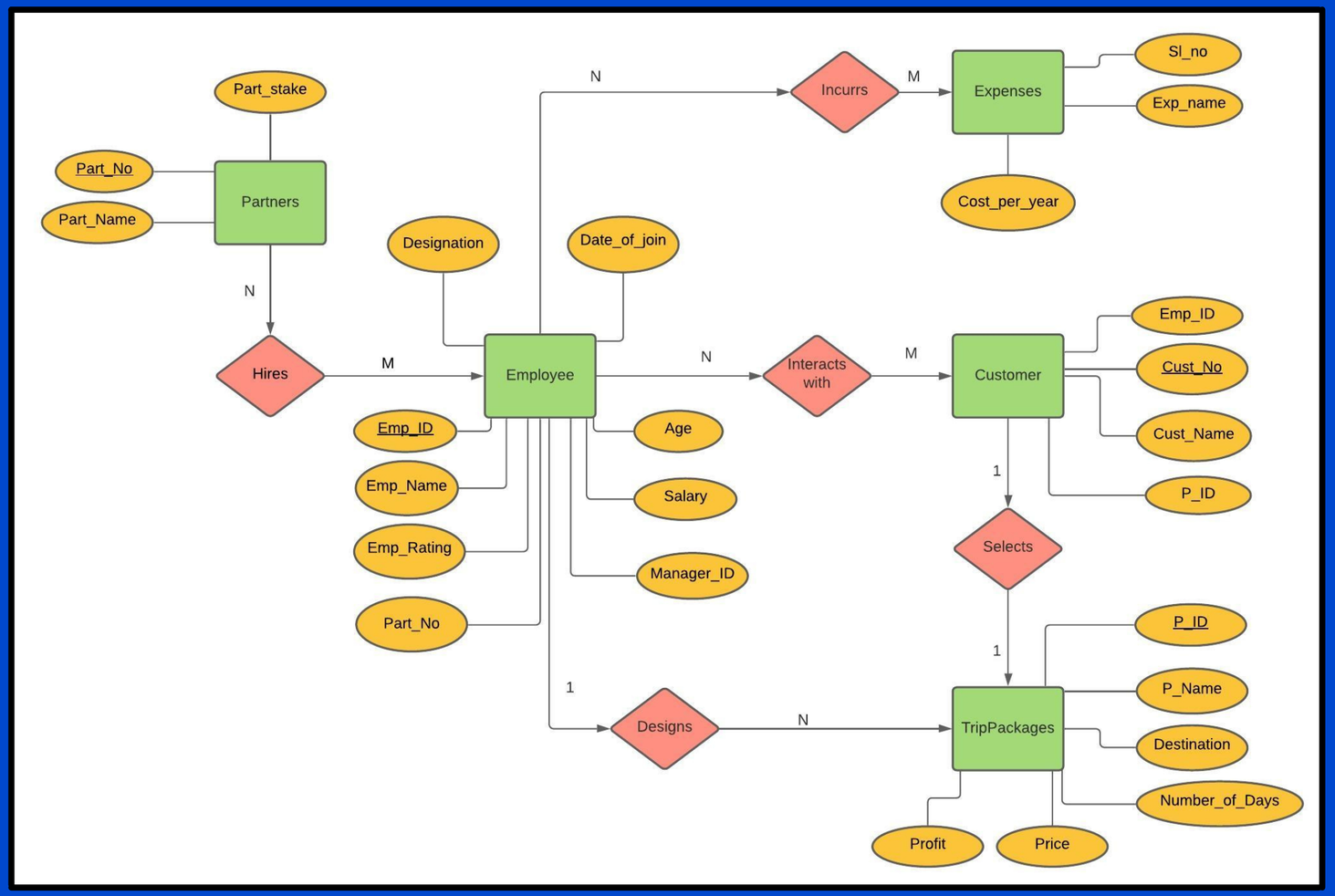
Contents of the VIEW profdisplay

```
mysql> select * from profdisplay;
+--------------------+--------------+--------+--------+
| P_Name             | PackageCount | Price  | Profit |
+--------------------+--------------+--------+--------+
| 4P:Dandeli         |            1 |  60000 |  20000 |
| 6P:Dandeli         |            1 |  84000 |  30000 |
| Honeymoon:Paris    |            2 | 480000 | 180000 |
| Honeymoon:Andaman  |            3 | 300000 | 110000 |
| Honeymoon:Bali     |            1 | 400000 | 190000 |
| Honeymoon:Maldives |            2 | 340000 | 160000 |
| Honeymoon:Monaco   |            3 | 500000 | 230000 |
| 2P:Manali          |            1 |  50000 |  10000 |
| 2P:Kedarnath       |            2 |  40000 |   9000 |
| 2P:Mumbai          |            1 |  70000 |  14000 |
| 2P:Delhi           |            2 |  65000 |  15000 |
| 10P:HimalayaTrek   |            2 | 800000 | 300000 |
| 2P:HimalayaTrek    |            2 | 200000 |  50000 |
| 2P:Goa             |            2 |  18000 |   4000 |
| 4P:Shirdi          |            2 |  20000 |   5000 |
| 2P:Ooty            |            2 |  10000 |   3000 |
| 2P:Kodaikanal      |            1 |  16000 |   5000 |
| 2P:MysuruLocalTour |            2 |   8000 |   4000 |
+--------------------+--------------+--------+--------+
18 rows in set (0.00 sec)
```

Relational Schema

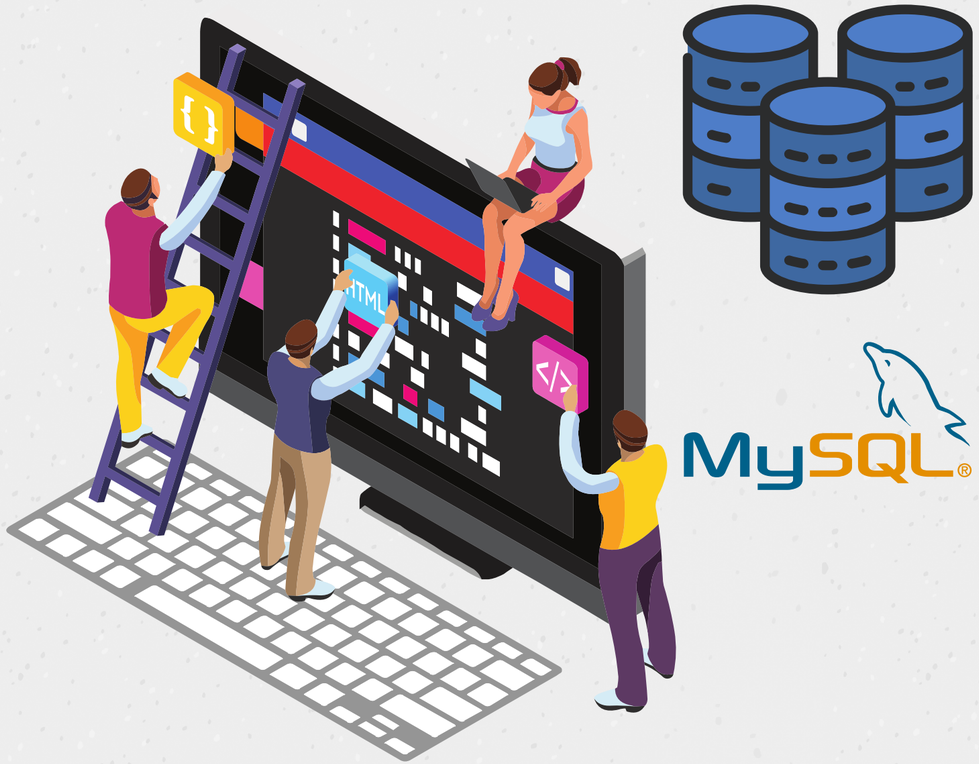


Entity Relationship Diagram



Complex Queries

Displaying the results of a few Complex Queries to demonstrate the potential advantages of using a Relational Database Management System.



9 more queries are shown along with the output in the Project Report

Q1. Display the names of each Employee along with his/her Manager's Name.

```
mysql> #Display the names of each Employee along with his/her Manager's Name.
mysql> select m.Emp_Name as 'Employee Name', b.Emp_name as 'Manager Name' from (Employee as m) join (Employee as b) on (b.Emp_ID=m.Manager_ID) order by b.Emp_name;
+---------------+--------------+
| Employee Name | Manager Name |
+---------------+--------------+
| Akash         | Akash        |
| Ganesh        | Akash        |
| Anvitha       | Akash        |
| Arun          | Akash        |
| Angel         | Akash        |
| Ramesh        | Ramesh       |
| Govinda       | Ramesh       |
| Suzie         | Ramesh       |
| Bharath       | Ramesh       |
| Suresh        | Suresh       |
| Sebastian     | Suresh       |
| Ansari        | Suresh       |
+---------------+--------------+
12 rows in set (0.01 sec)
```

Q2. Display the Partner who hired the Employee who assisted Eshaan with his Travel Requirements.

```
mysql> #Display the Partner who hired the Employee who assisted Eshaan with his Travel Requirements.
mysql>  select Part_Name as 'Partner who hired the Employee who assisted Eshaan',Emp_Name as 'Employee who assisted Eshaan' from Employee,Customer,Partners where Employee.Emp_ID=
Customer.Emp_ID and Partners.Part_No=Employee.Part_No and Customer.Cust_Name='Eshaan';
+-------------------------------------------------+-----------------------------+
| Partner who hired the Employee who assisted Eshaan | Employee who assisted Eshaan |
+-------------------------------------------------+-----------------------------+
| Rohit                                           | Ansari                      |
+-------------------------------------------------+-----------------------------+
1 row in set (0.01 sec)
```

Q3. Display the names of the customer along with the packages they have opted and the employee who is assigned to them.

```
mysql> #Display the names of the customer along with the packages they have opted and the employee who is assigned to them.
mysql> select e.cust_name as Customer,p.P_name as 'Package name',d.emp_name as 'Employee Handling the customer' from customer e,trippackages p,employee as d where e.P_id=p.
P_id and e.emp_id=d.emp_id  order by e.cust_name ;
+-------------+--------------------+--------------------------------+
| Customer    | Package name       | Employee Handling the customer |
+-------------+--------------------+--------------------------------+
| Adeep       | 2P:Ooty            | Angel                          |
| Amaan       | Honeymoon:Monaco   | Ansari                         |
| Arya        | Honeymoon:Andaman  | Angel                          |
| Bhat        | 2P:MysuruLocalTour | Ansari                         |
| Bindu       | 2P:Kedarnath       | Bharath                        |
| Binod       | 2P:Delhi           | Ansari                         |
| Chandan     | 2P:Kedarnath       | Angel                          |
| Diya        | 10P:HimalayaTrek   | Ansari                         |
| Eshaan      | 4P:Shirdi          | Ansari                         |
| Goku        | 2P:Delhi           | Angel                          |
| Holla       | Honeymoon:Andaman  | Bharath                        |
| Hrishikesh  | Honeymoon:Paris    | Ansari                         |
| Jitendra    | 6P:Dandeli         | Angel                          |
| Joshi       | 2P:Goa             | Bharath                        |
| Kumar       | Honeymoon:Monaco   | Ansari                         |
| Madhushree  | 2P:Kodaikanal      | Bharath                        |
| Manjesh     | 2P:Ooty            | Bharath                        |
| Mary        | 2P:Mumbai          | Ansari                         |
| Naveen      | Honeymoon:Maldives | Bharath                        |
| Neha        | Honeymoon:Paris    | Angel                          |
| Nidhima     | Honeymoon:Bali     | Angel                          |
| Pratima     | Honeymoon:Monaco   | Bharath                        |
| Raghavendra | 4P:Shirdi          | Ansari                         |
| Rajesh      | 4P:Dandeli         | Ansari                         |
| Rakshith    | 2P:HimalayaTrek    | Angel                          |
| Sharath     | Honeymoon:Maldives | Angel                          |
| Sindhu      | 2P:Manali          | Angel                          |
| Srushti     | 10P:HimalayaTrek   | Bharath                        |
| Sujan       | Honeymoon:Andaman  | Ansari                         |
| Vaishnavi   | 2P:HimalayaTrek    | Bharath                        |
| Vegeta      | 2P:Goa             | Bharath                        |
| Yadava      | 2P:MysuruLocalTour | Angel                          |
+-------------+--------------------+--------------------------------+
32 rows in set (0.00 sec)
```

Q4. Display the names and designation of all employees with the same designation as Ansari

```
mysql> #Display the names and designation  of all employees with the same designation as ansari
mysql> select emp_name,designation from employee where designation=(select designation from employee where emp_name='ansari');
+----------+--------------------+
| emp_name | designation        |
+----------+--------------------+
| Ansari   | Customer Executive |
| Angel    | Customer Executive |
| Bharath  | Customer Executive |
+----------+--------------------+
3 rows in set (0.00 sec)
```

Q5. Display the employees who earn maximum salary in each designation , sort in the desc order

```
mysql> #display the employees who earn maximum salary in each designation , sort in the desc order
mysql> select emp_name,max(salary),designation from employee group by designation order by salary desc;
+----------+-------------+--------------------+
| emp_name | max(salary) | designation        |
+----------+-------------+--------------------+
| Akash    |      214286 | Manager            |
| Ansari   |      175714 | Customer Executive |
| Suzie    |      150000 | Trip Planner       |
| Arun     |      124286 | Trip Manager       |
| Anvitha  |       90000 | Receptionist       |
| Govinda  |       71200 | Travel Agent       |
| Ganesh   |       44000 | Security           |
+----------+-------------+--------------------+
7 rows in set (0.01 sec)
```

Future Roadmap

The way ahead from Business Perspective!

MORE BRANCHES

MORE DESTINATIONS

ONLINE BOOKING SYSTEM

MORE PROFIT

THANK YOU !

It is because of our Project Guides, NIE, ISE Department, and DBMS Faculty we got the opportunity to do this Project.
All 4 of us thank you for giving us this opportunity and we hope our Project met your expectations.
We are also extremely sorry for any mistakes we have made during this Course.

- PSYCH MY TRIP TEAM

#StayHome
#StaySafe

Please refer the Project Report for more Information regarding the project