## DBMS Assignment Lab 7

## Tarun M PES1UG20CS462

```
mysql> use pes1ug20cs462;
Database changed
mysql> _
```

1) Find the list of passengers (user\_id, user\_type First name and last name) who have travelled from Bengaluru to Chennai during the month of Oct 2021 and Aug 2022.

2) Find the list of passengers (user\_id, user\_type First name and last name) who have travelled from Bengaluru to Chennai during the month of Oct 2021 and also during Aug 2022.

```
mysql> SELECT user_id, user_type, firstname, lastname FROM train_user, ticket WHERE user_id = passenger_id AND (travel_d ate >= "2021-10-01" AND travel_date <= "2021-10-31") AND (departure = "Bengaluru" AND arrival = "Chennai")INTERSECT SELE CT user_id, user_type, firstname, lastname FROM train_user, ticket WHERE user_id = passenger_id AND (travel_date >= "202 -08-01" AND travel_date <= "2022-08-31") AND (departure = "Bengaluru" AND arrival = "Chennai");
Empty set (0.00 sec)
```

3) Find the list of passengers (user\_id, user\_type First name and last name) who have travelled from Bengaluru to Chennai during the month of Aug 2022 and not in Oct 2021.

4) Find the list of passengers (user\_id, user\_type, First name and last name) who have travelled from Bengaluru to Chennai and returned to Bengaluru within a week.

5) Find the list of passengers (user\_id, user\_type, First name and last name) who have travelled from Bengaluru to Chennai and did not return to Bengaluru (in other words, only one way travel from Bengaluru to Chennai).