Course Name: DBMS Lab

Course Code: CSEG2146

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Submitted By:

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Batch: B1

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Experiment 22:

Title: Mini Project on SQL

Healthcare Analytics Database System Project

```
mysql> SELECT * FROM Patients;
+------------+-----------------+------+--------+------------+------------+--------------+
| Patient_id | Name            | Age  | Gender | Adm_date   | Dis_date   | Diagnosis    |
+------------+-----------------+------+--------+------------+------------+--------------+
|          1 | Ashmit Mehra    |   45 | M      | 2024-10-01 | 2024-10-08 | Pneumonia    |
|          2 | Sagar Mehta     |   35 | M      | 2024-01-02 | 2024-01-08 | Diabetes     |
|          3 | Sushmita Kapoor |   60 | F      | 2024-03-03 | 2024-03-10 | Hypertension |
+------------+-----------------+------+--------+------------+------------+--------------+
3 rows in set (0.01 sec)
```

```
mysql> SELECT * FROM Treatments;
+--------------+------------+----------------+----------------+---------+
| Treatment_id | Patient_id | Treatment_type | Treatment_date | Cost    |
+--------------+------------+----------------+----------------+---------+
|            1 |          1 | Medication     | 2024-10-01     |  500.00 |
|            2 |          1 | Therapy        | 2024-01-02     |  300.00 |
|            3 |          2 | Medication     | 2024-03-03     |  600.00 |
|            4 |          3 | Surgery        | 2024-01-03     | 2000.00 |
+--------------+------------+----------------+----------------+---------+
4 rows in set (0.01 sec)
```

```
   1 | SELECT * FROM PatientAnalysis;
+------------+-----------------+--------------+---------------+-----------------+------------+
| Patient_id | Name            | Diagnosis    | Stay_Duration | Treatment_Count | Total_Cost |
+------------+-----------------+--------------+---------------+-----------------+------------+
|          1 | Ashmit Mehra    | Pneumonia    |             7 |               2 |     800.00 |
|          2 | Sagar Mehta     | Diabetes     |             6 |               1 |     600.00 |
|          3 | Sushmita Kapoor | Hypertension |             7 |               1 |    2000.00 |
+------------+-----------------+--------------+---------------+-----------------+------------+
3 rows in set (0.00 sec)
```