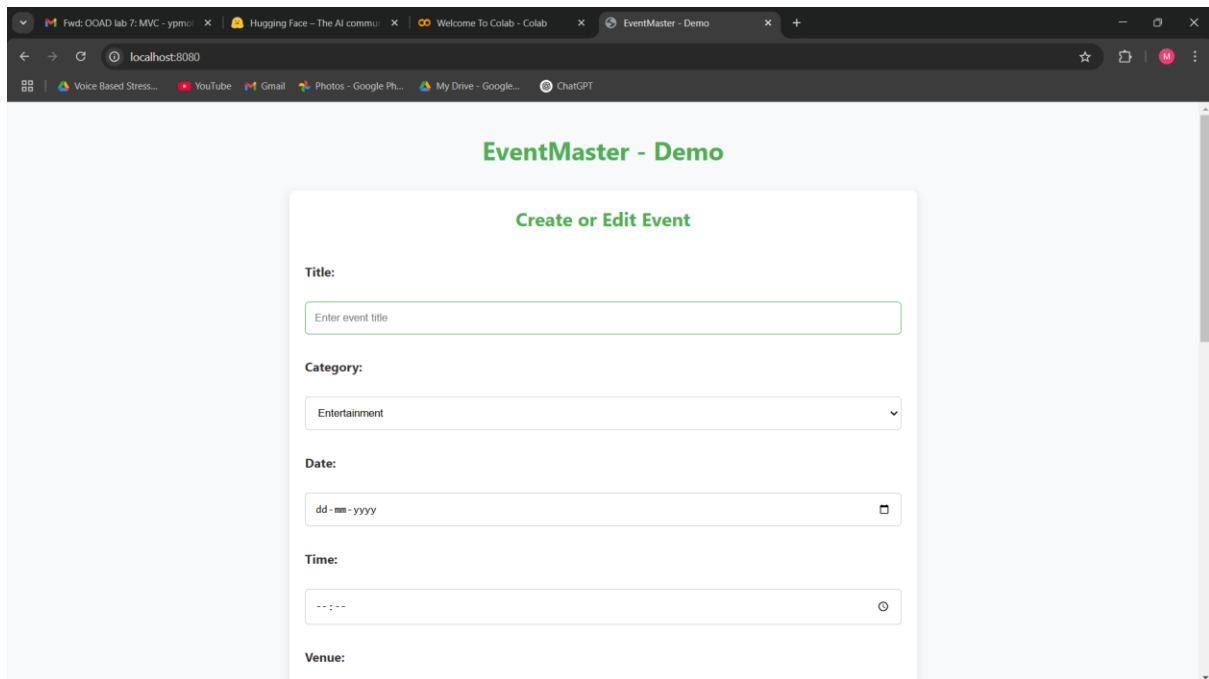OOAD lab

SRN : PES1UG22CS360

Name : Mohul Y P

Screenshot of console with application running and SQL database schema

Screenshots of CRUD operations :

1. Create

BEFORE

Event List

Title	Category	Date	Time	Venue	Status	Max Attendees	Current Attendees	Actions
Spring Conference	Educational	2023-12-15	10:00 AM	Convention Center	Upcoming	500	0	Edit Delete
Music Festival	Entertainment	2023-11-20	6:00 PM	City Park	Available	1000	200	Edit Delete
Charity Run	Social Cause	2023-10-10	7:00 AM	Downtown Square	Closed	300	300	Edit Delete

```
mysql> select * from event;
+----+------------------+---------------+------------+----------+-------------------+-----------+---------------+-------------------+
| id | title            | category      | date       | time     | venue             | status    | max_attendees | current_attendees |
+----+------------------+---------------+------------+----------+-------------------+-----------+---------------+-------------------+
|  1 | Spring Conference | Educational  | 2023-12-15 | 10:00 AM | Convention Center | Upcoming  |           500 |                 0 |
|  2 | Music Festival   | Entertainment | 2023-11-20 | 6:00 PM  | City Park         | Available |          1000 |               200 |
|  3 | Charity Run      | Social Cause  | 2023-10-10 | 7:00 AM  | Downtown Square   | Closed    |           300 |               300 |
+----+------------------+---------------+------------+----------+-------------------+-----------+---------------+-------------------+
3 rows in set (0.04 sec)

mysql>
```

AFTER

Event List

Title	Category	Date	Time	Venue	Status	Max Attendees	Current Attendees	Actions
Spring Conference	Educational	2023-12-15	10:00 AM	Convention Center	Upcoming	500	0	Edit Delete
Music Festival	Entertainment	2023-11-20	6:00 PM	City Park	Available	1000	200	Edit Delete
Charity Run	Social Cause	2023-10-10	7:00 AM	Downtown Square	Closed	300	300	Edit Delete
AT	Entertainment	2025-04-05	12:00	GJB	Available	50	34	Edit Delete

```
mysql> select * from event;
+----+------------------+---------------+------------+----------+-----------------+-----------+---------------+-------------------+
| id | title            | category      | date       | time     | venue           | status    | max_attendees | current_attendees |
+----+------------------+---------------+------------+----------+-----------------+-----------+---------------+-------------------+
|  1 | Spring Conference | Educational   | 2023-12-15 | 10:00 AM | Convention Center | Upcoming  |           500 |                 0 |
|  2 | Music Festival   | Entertainment | 2023-11-20 | 6:00 PM  | City Park       | Available |          1000 |               200 |
|  3 | Charity Run      | Social Cause  | 2023-10-10 | 7:00 AM  | Downtown Square | Closed    |           300 |               300 |
|  5 | AT               | Entertainment | 2025-04-05 | 12:00    | GJB             | Available |            50 |                34 |
+----+------------------+---------------+------------+----------+-----------------+-----------+---------------+-------------------+
4 rows in set (0.00 sec)

mysql>
```

2. Read

Event List

Title	Category	Date	Time	Venue	Status	Max Attendees	Current Attendees	Actions
Spring Conference	Educational	2023-12-15	10:00 AM	Convention Center	Upcoming	500	0	Edit Delete
Music Festival	Entertainment	2023-11-20	6:00 PM	City Park	Available	1000	200	Edit Delete
Charity Run	Social Cause	2023-10-10	7:00 AM	Downtown Square	Closed	300	300	Edit Delete
AT	Entertainment	2025-04-05	12:00	GJB	Available	50	34	Edit Delete

```
mysql> select * from event;
+----+------------------+---------------+------------+----------+------------------+-----------+---------------+-------------------+
| id | title            | category      | date       | time     | venue            | status    | max_attendees | current_attendees |
+----+------------------+---------------+------------+----------+------------------+-----------+---------------+-------------------+
|  1 | Spring Conference | Educational  | 2023-12-15 | 10:00 AM | Convention Center | Upcoming  |           500 |                 0 |
|  2 | Music Festival    | Entertainment | 2023-11-20 | 6:00 PM  | City Park        | Available |          1000 |               200 |
|  3 | Charity Run       | Social Cause  | 2023-10-10 | 7:00 AM  | Downtown Square  | Closed    |           300 |               300 |
|  5 | AT                | Entertainment | 2025-04-05 | 12:00    | GJB              | Available |            50 |                34 |
+----+------------------+---------------+------------+----------+------------------+-----------+---------------+-------------------+
4 rows in set (0.00 sec)

mysql>
```

3. Update

BEFORE

Event List

Title	Category	Date	Time	Venue	Status	Max Attendees	Current Attendees	Actions
Spring Conference	Educational	2023-12-15	10:00 AM	Convention Center	Upcoming	500	0	Edit Delete
Music Festival	Entertainment	2023-11-20	6:00 PM	City Park	Available	1000	200	Edit Delete
Charity Run	Social Cause	2023-10-10	7:00 AM	Downtown Square	Closed	300	300	Edit Delete
AT	Entertainment	2025-04-05	12:00	GJB	Available	50	34	Edit Delete

```
mysql> select * from event;
+----+------------------+---------------+------------+----------+------------------+-----------+---------------+-------------------+
| id | title            | category      | date       | time     | venue            | status    | max_attendees | current_attendees |
+----+------------------+---------------+------------+----------+------------------+-----------+---------------+-------------------+
|  1 | Spring Conference | Educational  | 2023-12-15 | 10:00 AM | Convention Center | Upcoming  |           500 |                 0 |
|  2 | Music Festival   | Entertainment | 2023-11-20 | 6:00 PM  | City Park        | Available |          1000 |               200 |
|  3 | Charity Run      | Social Cause  | 2023-10-10 | 7:00 AM  | Downtown Square  | Closed    |           300 |               300 |
|  5 | AT               | Entertainment | 2025-04-05 | 12:00    | GJB              | Available |            50 |                34 |
+----+------------------+---------------+------------+----------+------------------+-----------+---------------+-------------------+
4 rows in set (0.00 sec)

mysql>
```

AFTER

Event List

Title	Category	Date	Time	Venue	Status	Max Attendees	Current Attendees	Actions
Spring Conference	Educational	2023-12-15	10:00 AM	Convention Center	Upcoming	500	0	Edit Delete
Music Festival	Entertainment	2023-11-20	6:00 PM	City Park	Available	1000	200	Edit Delete
Charity Run	Social Cause	2023-10-10	7:00 AM	Downtown Square	Closed	300	300	Edit Delete
AT	Educational	2025-04-05	12:00	GJB	Sold Out	50	50	Edit Delete

```
mysql> select * from event;
+----+------------------+---------------+------------+----------+------------------+-----------+---------------+-------------------+
| id | title            | category      | date       | time     | venue            | status    | max_attendees | current_attendees |
+----+------------------+---------------+------------+----------+------------------+-----------+---------------+-------------------+
|  1 | Spring Conference| Educational   | 2023-12-15 | 10:00 AM | Convention Center| Upcoming  |           500 |                 0 |
|  2 | Music Festival   | Entertainment | 2023-11-20 | 6:00 PM  | City Park        | Available |          1000 |               200 |
|  3 | Charity Run      | Social Cause  | 2023-10-10 | 7:00 AM  | Downtown Square  | Closed    |           300 |               300 |
|  5 | AT               | Educational   | 2025-04-05 | 12:00    | GJB              | Sold Out  |            50 |                50 |
+----+------------------+---------------+------------+----------+------------------+-----------+---------------+-------------------+
4 rows in set (0.00 sec)

mysql>
```

4.Delete

BEFORE

Event List

Title	Category	Date	Time	Venue	Status	Max Attendees	Current Attendees	Actions
Spring Conference	Educational	2023-12-15	10:00 AM	Convention Center	Upcoming	500	0	Edit Delete
Music Festival	Entertainment	2023-11-20	6:00 PM	City Park	Available	1000	200	Edit Delete
Charity Run	Social Cause	2023-10-10	7:00 AM	Downtown Square	Closed	300	300	Edit Delete
AT	Educational	2025-04-05	12:00	GJB	Sold Out	50	50	Edit Delete

```
mysql> select * from event;
+----+------------------+---------------+------------+----------+------------------+-----------+---------------+-------------------+
| id | title            | category      | date       | time     | venue            | status    | max_attendees | current_attendees |
+----+------------------+---------------+------------+----------+------------------+-----------+---------------+-------------------+
|  1 | Spring Conference| Educational   | 2023-12-15 | 10:00 AM | Convention Center| Upcoming  |           500 |                 0 |
|  2 | Music Festival   | Entertainment | 2023-11-20 | 6:00 PM  | City Park        | Available |          1000 |               200 |
|  3 | Charity Run      | Social Cause  | 2023-10-10 | 7:00 AM  | Downtown Square  | Closed    |           300 |               300 |
|  5 | AT               | Educational   | 2025-04-05 | 12:00    | GJB              | Sold Out  |            50 |                50 |
+----+------------------+---------------+------------+----------+------------------+-----------+---------------+-------------------+
4 rows in set (0.00 sec)

mysql>
```

AFTER

Event List

Title	Category	Date	Time	Venue	Status	Max Attendees	Current Attendees	Actions
Music Festival	Entertainment	2023-11-20	6:00 PM	City Park	Available	1000	200	Edit Delete
Charity Run	Social Cause	2023-10-10	7:00 AM	Downtown Square	Closed	300	300	Edit Delete
AT	Educational	2025-04-05	12:00	GJB	Sold Out	50	50	Edit Delete

```
mysql> select * from event;
+----+----------------+---------------+------------+---------+-----------------+----------+---------------+-------------------+
| id | title          | category      | date       | time    | venue           | status   | max_attendees | current_attendees |
+----+----------------+---------------+------------+---------+-----------------+----------+---------------+-------------------+
|  2 | Music Festival | Entertainment | 2023-11-20 | 6:00 PM | City Park       | Available |          1000 |               200 |
|  3 | Charity Run    | Social Cause  | 2023-10-10 | 7:00 AM | Downtown Square | Closed    |           300 |               300 |
|  5 | AT             | Educational   | 2025-04-05 | 12:00   | GJB             | Sold Out  |            50 |                50 |
+----+----------------+---------------+------------+---------+-----------------+----------+---------------+-------------------+
3 rows in set (0.00 sec)

mysql>
```