

CSD 460

Group 4

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Module 5 Assignment

Moffat Bay: Database Dev Assignment

Moffat Bay and User Tables:

```
+-----+
| Tables_in_moffatbay |
+-----+
| attractions          |
| inquiry              |
| reservation          |
| reservationattraction |
| roomtype             |
| user                 |
+-----+
6 rows in set (0.00 sec)

mysql> INSERT INTO User (email, first_name, last_name, phone, password_hash) VALUES
-> ('Emily@example.com', 'Emily', 'Johnson', '123-456-7890', 'Emilypassword1'),
-> ('Morgan@example.com', 'Morgan', 'Smith', '321-654-0987', 'Morganpassword2'),
-> ('Laura@example.com', 'Laura', 'Adams', '111-222-3333', 'Laurapassword3');
Query OK, 3 rows affected (0.01 sec)
Records: 3 Duplicates: 0 Warnings: 0

mysql> SELECT * FROM User;
+-----+-----+-----+-----+-----+-----+-----+
| user_id | email                | first_name | last_name | phone    | password_hash | created_at |
+-----+-----+-----+-----+-----+-----+-----+
| 1       | Emily@example.com    | Emily     | Johnson   | 123-456-7890 | Emilypassword1 | 2025-06-15 22:18:33 |
| 2       | Morgan@example.com   | Morgan    | Smith     | 321-654-0987 | Morganpassword2 | 2025-06-15 22:18:33 |
| 3       | Laura@example.com    | Laura     | Adams     | 111-222-3333 | Laurapassword3 | 2025-06-15 22:18:33 |
+-----+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

Inquiry Table:

```
mysql> INSERT INTO Inquiry (user_id, email, full_name, subject, message, attachment) VALUES
-> (1, 'morgan@example.com', 'Morgan Smith', 'Cabin Availability', 'Which cabins are available for my family trip?', NULL),
-> (2, 'emily@example.com', 'Emily Johnson', 'Outdoor Activities', 'Do you offer guided hiking and snorkeling tours?', NULL),
-> (3, 'laura@example.com', 'Laura Adams', 'Booking Process', 'What is the fastest way to book a cabin?', NULL);
Query OK, 3 rows affected (0.01 sec)
Records: 3 Duplicates: 0 Warnings: 0

mysql> SELECT * FROM Inquiry;
+-----+-----+-----+-----+-----+-----+-----+
| inquiry_id | user_id | email          | full_name | subject          | message                                                                 | attachment |
+-----+-----+-----+-----+-----+-----+-----+
| 10         | 1       | morgan@example.com | Morgan Smith | Cabin Availability | Which cabins are available for my family trip?                        | NULL      |
| 11         | 2       | emily@example.com  | Emily Johnson | Outdoor Activities | Do you offer guided hiking and snorkeling tours?                     | NULL      |
| 12         | 3       | laura@example.com  | Laura Adams  | Booking Process   | What is the fastest way to book a cabin?                             | NULL      |
+-----+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

RoomType Table:

```
mysql> INSERT INTO RoomType (name, description, price_per_night) VALUES ('Maple Cabin', 'Spacious,
lake view, Two-bedroom.', 300.00), ('Cedar Cabin', 'Cozy room with one-bedroom.', 200.00), ('Pine
Cabin', 'Simple, studio near the forest.', 100.00);
Query OK, 3 rows affected (0.01 sec)
Records: 3 Duplicates: 0 Warnings: 0

mysql> SELECT * FROM RoomType;
+-----+-----+-----+-----+
| room_type_id | name          | description          | price_per_night |
+-----+-----+-----+-----+
| 1             | Maple Cabin  | Spacious, lake view, Two-bedroom. | 300.00          |
| 2             | Cedar Cabin  | Cozy room with one-bedroom.         | 200.00          |
| 3             | Pine Cabin   | Simple, studio near the forest.     | 100.00          |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

Reservation Table:

Local Instance 3306 - Warning - not supported

AdministrationSchemas

Filter objects

moifat_bay

- Tables
- Views
- Stored Procedures
- Functions

Object Info

Session

Connection Details

Name: Local Instance 3306

Host: localhost

Port: 3306

Login User: root

Current User: root@localhost

SSL cipher: TLS_AES_128_GCM_SHA256

Server

Product: MySQL Community Server - GPL

Version: 9.0.0

Connector

Version: C++ 9.0.0

moifatbay*

ddl*

dml*

SQL File 11*

SQL File 13*

Limit to 1000 rows

1 • SELECT * FROM Reservation;

100% 27:1

Result Grid

Filter Rows: Search

Edit: Export/Import:

reservation_id	user_id	room_type...	num_guests	check_in_da...	check_out_da...	total_pri...	status	created_at
1	1	1	4	2025-07-01	2025-07-05	1200.00	Confirmed	2025-06-15 21:46:03
2	2	2	2	2025-07-10	2025-07-12	400.00	Pending	2025-06-15 21:46:03
3	3	3	1	2025-07-15	2025-07-16	100.00	Confirmed	2025-06-15 21:46:03
4	1	1	4	2025-07-01	2025-07-05	1200.00	Confirmed	2025-06-15 21:46:11
5	2	2	2	2025-07-10	2025-07-12	400.00	Pending	2025-06-15 21:46:11
6	3	3	1	2025-07-15	2025-07-16	100.00	Confirmed	2025-06-15 21:46:11
7	1	1	4	2025-07-01	2025-07-05	1200.00	Confirmed	2025-06-15 21:46:16
8	2	2	2	2025-07-10	2025-07-12	400.00	Pending	2025-06-15 21:46:16
9	3	3	1	2025-07-15	2025-07-16	100.00	Confirmed	2025-06-15 21:46:16
10	1	1	4	2025-07-01	2025-07-05	1200.00	Confirmed	2025-06-15 21:46:22
11	2	2	2	2025-07-10	2025-07-12	400.00	Pending	2025-06-15 21:46:22
12	3	3	1	2025-07-15	2025-07-16	100.00	Confirmed	2025-06-15 21:46:22

Reservation 1

Apply Revert

Action Output

	Time	Action	Response	Duration / Fetch Time
✓ 1	21:58:22	SELECT * FROM ReservationAttraction LIMIT 0, 1000	3 row(s) returned	0.00037 sec / 0.0000...
✓ 2	21:59:21	SELECT * FROM Reservation LIMIT 0, 1000	12 row(s) returned	0.00078 sec / 0.0000...

Query Completed

Attraction Table:

Local instance 3306 - Warning - not supported

AdministrationSchemas

Filter objects

mozzat_bay

TablesViewsStored ProceduresFunctions

Object InfoSession

Connection Details

Name: Local instance 3306
Host: localhost
Port: 3306
Login User: root
Current User: root@localhost
SSL cipher: TLS_AES_128_GCM_SHA256

Server
Product: MySQL Community Server - GPL
Version: 9.0.0
Connector
Version: C++ 9.0.0

mozzatbay*ddl*dml*SQL File 11*SQL File 13*SQL File 14*

Limit to 1000 rows

1 SELECT * FROM Attractions;

100%27:1

Result GridFilter Rows:SearchEdit:Export/Import:

attraction...	name	description	price	availability_stat...
1	Guided Hike	Explore local trails with a knowledgeable guide.	50.00	Available
2	Snorkeling Tour	Enjoy a snorkeling trip in nearby lake.	75.00	Available
3	Kayak Rental	Rent a kayak for the day.	40.00	Unavailable
4	Sunset Trail	Scenic hiking at dusk	0.00	Available
5	Kayak Tour	Guided kayak around the bay	25.00	Available
6	Whale Watching	Boat tour for whale spotting	40.00	Available
7	Guided Hike	Explore local trails with a knowledgeable guide.	50.00	Available
8	Snorkeling Tour	Enjoy a snorkeling trip in nearby lake.	75.00	Available
9	Kayak Rental	Rent a kayak for the day.	40.00	Unavailable
10	Guided Hike	Explore local trails with a knowledgeable guide.	50.00	Available
11	Snorkeling Tour	Enjoy a snorkeling trip in nearby lake.	75.00	Available
12	Kayak Rental	Rent a kayak for the day.	40.00	Unavailable
13	Guided Hike	Explore local trails with a knowledgeable guide.	50.00	Available

Attractions 1

Action Output

	Time	Action	Response	Duration / Fetch Time
1	21:58:22	SELECT * FROM ReservationAttraction LIMIT 0, 1000	3 row(s) returned	0.00037 sec / 0.0000...
2	21:59:21	SELECT * FROM Reservation LIMIT 0, 1000	12 row(s) returned	0.00078 sec / 0.0000...
3	22:00:07	SELECT * FROM Attraction LIMIT 0, 1000	Error Code: 1146. Table 'mozzat_bay.attraction' doesn't...	0.048 sec
4	22:00:27	CREATE DATABASE mozzat_bay	Error Code: 1007. Can't create database 'mozzat_bay';...	0.0028 sec
5	22:00:27	USE mozzat_bay	0 row(s) affected	0.00089 sec
6	22:00:28	SELECT * FROM Attraction LIMIT 0, 1000	Error Code: 1146. Table 'mozzat_bay.attraction' doesn't...	0.00058 sec
7	22:02:23	SELECT * FROM Attractions LIMIT 0, 1000	18 row(s) returned	0.0063 sec / 0.00001...

Query Completed

Reservation Attraction Table:

The screenshot shows a database management interface with a dark theme. The top bar indicates 'Local instance 3306 - Warning - not supported'. The left sidebar shows a tree view of the database schema, with 'moffat_bay' selected. The main area displays a query: `SELECT * FROM ReservationAttraction;`. Below the query, the 'Result Grid' shows the data returned by the query. The grid has two columns: 'reservation_id' and 'attraction_id'. The data is as follows:

reservation_id	attraction_id
1	1
2	1
1	2

The bottom section shows the 'Action Output' table, which includes columns for 'Time', 'Action', 'Response', and 'Duration / Fetch Time'. The output shows a successful query execution:

Time	Action	Response	Duration / Fetch Time
21:58:22	SELECT * FROM ReservationAttraction LIMIT 0, 1000	3 row(s) returned	0.00037 sec / 0.0000...

The status bar at the bottom indicates 'Query Completed'.