

Portofolio Project SQL



Created By

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**SPORT ROOM
RENTAL**

WHAT IS FUNCTION USING

- Create database
- Create table
- Alter
- Insert
- Select
- Create view >>> join
- Create procedure (Insert new members, delete member, update member password email, make booking, update payment, view booking, search room, cancel booking)
- Triggers
- Create function

SCENARIO

- A new member named Stari came to book a sports room on June 11, 2024. She booked a room of type MPF2 with a price of 60.00 for June 15, 2024, at 10:00 AM. However, soon after, Stari canceled the booking because she had another commitment on that date. Since the cancellation was made before the booking date, she was able to cancel without any issues.



CREATE NEW MEMBER

Practice_Sport Administration - Server Status

Limit to 1000 rows

```

280      -- My little skenario --
281 •    CALL insert_new_members ('stari', 'stari99', 'Meisya_Staria99');
282 •    SELECT * FROM members ORDER BY member_since DESC;
283
284
285
286
287

```

Result Grid

	id	password	email	member_since	payment_due
▶	stari	stari99	Meisya_Staria99	2024-06-11 10:07:15	0.00
	moon	moon89	Naero_Moon89	2024-05-27 20:44:21	60.00
	lilac21	lilacmyfav18	Bauch.Lilac21@yahoo.com	2023-02-06 16:48:43	0.00
	ares98	loveme	Nova_Ares98@gmail.com	2023-01-09 17:36:49	0.00
	alan67	12goback	Ceilo_Alان7	2022-10-12 05:39:20	0.00
	narendra	hellome99	Jupiter_Narendra99@gmail.com	2022-07-18 16:28:35	0.00
	aldebaran19	baran2121	Leo.Aldebaran19@gmail.com	2022-05-30 17:30:22	360.00
	cinta	futureme12	Laura.Cinta@hotmail.com	2022-04-15 12:10:13	120.00
*	NULL	NULL	NULL	NULL	NULL

members 4 × Apply Revert

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 4	10:07:15	CALL insert_new_members ('stari', 'stari99', 'Meisya_Staria99')	1 row(s) affected	0.140 sec
✓ 5	10:07:20	SELECT * FROM members ORDER BY member_since DESC LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec

we have been make a mnew member for room booking with details : ID is "stari", password is "stari99", and email adress is Meisya_Staria99.

SEARCH ROOM

Practice_Sport* x Administration - Server Status

Limit to 1000 rows

```
279
280 -- My little skenario --
281 • CALL insert_new_members ('stari', 'stari99', 'Meisya_Staria99');
282 • SELECT * FROM members ORDER BY member_since DESC;
283 • CALL search_room ('MPF2', '2024-06-15', '10:00:00'); -- AVAILABLE
284
285
286
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

id	room_id	booked_date	booked_time	member_id	datetime_of_booking	payment_status
----	---------	-------------	-------------	-----------	---------------------	----------------

Result 5 | Result 6 | Result 7 x | Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 7	10:10:17	CALL search_room ('MPF2', '2024-06-15', '10:00:00')	0 row(s) returned	- / 0.000 sec
✓ 8	10:10:17	CALL search_room ('MPF2', '2024-06-15', '10:00:00')	0 row(s) returned	- / 0.000 sec

After search rooms, we confirmed that the room MPF2 on date 2024, 15 june, at 10.00 AM still available.

MAKE BOOKING

Practice_SportAdministration - Server Status

Limit to 1000 rows

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-- My little skenario --

CALL insert_new_members ('stari', 'stari99', 'Meisya_Staria99');

SELECT * FROM members ORDER BY member_since DESC;

CALL search_room ('MPF2', '2024-06-15', '10:00:00'); -- AVAILABLE

CALL make_booking ('MPF2', '2024-06-15', '10:00:00', 'stari'); -- PAID AS ROOM TYPE

SELECT * FROM bookings; -- ID 19

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Content:

	id	room_id	booked_date	booked_time	member_id	datetime_of_booking	payment_status
▶	1	Ar	2022-12-26	13:00:00	alan67	2022-12-20 20:31:27	Paid
	3	T2	2022-12-31	16:00:00	aldebaran19	2022-12-28 18:14:23	Paid
	7	B1	2023-04-15	14:00:00	aldebaran19	2023-04-12 22:23:20	Cancelled
	8	T2	2023-04-23	13:00:00	aldebaran19	2023-04-19 10:49:00	Cancelled
	11	AR	2024-05-22	18:00:00	cinta	2024-05-22 18:21:52	Paid
	17	Ar	2024-06-09	11:00:00	aldebaran19	2024-05-26 21:23:55	Cancelled
	18	MPF2	2024-05-30	08:00:00	moon	2024-05-27 20:53:10	Paid
	19	MPF2	2024-06-15	10:00:00	stari	2024-06-11 10:12:51	unpaid
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL

bookings8

Apply

Revert

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 9	10:12:51	CALL make_booking ('MPF2', '2024-06-15', '10:00:00', 'stari')	1 row(s) affected	0.062 sec
✓ 10	10:13:11	SELECT * FROM bookings LIMIT 0, 1000	8 row(s) returned	0.015 sec / 0.000 sec

The member with ID "stari" have been booking with details name roome type MPF2, on date 2024, 15 Juni at 10.00 AM.

UPDATE PAYMENT

Practice_Sport Administration - Server Status

Limit to 1000 rows

```

281 • CALL insert_new_members ('stari', 'stari99', 'Meisya_Staria99');
282 • SELECT * FROM members ORDER BY member_since DESC;
283 • CALL search_room ('MPF2', '2024-06-15', '10:00:00'); -- AVAILABLE
284 • CALL make_booking ('MPF2', '2024-06-15', '10:00:00', 'stari'); -- PAID AS ROOM TYPE
285 • SELECT * FROM bookings; -- ID 19
286 • SELECT * FROM rooms;
287 • CALL update_payment (19); -- PAID
288 • CALL view_bookings (19); -- DONE

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

	id	room_id	room_type	booked_date	booked_time	member_id	datetime_of_booking	price	payment_status
▶	19	MPF2	Multi Purpose Field	2024-06-15	10:00:00	stari	2024-06-11 10:12:51	60.00	Paid

Result 10 × Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 12	10:15:25	CALL update_payment (19)	1 row(s) affected	0.140 sec
✓ 13	10:15:42	CALL view_bookings (19)	1 row(s) returned	0.000 sec / 0.000 sec

The member with ID 19 have been pay, so that status on booking table changing from "unpaid" to "paid".

CANCEL BOOKING

Practice_Sport Administration - Server Status

Limit to 1000 rows

```

283 • CALL search_room ('MPF2', '2024-06-15', '10:00:00'); -- AVAILABLE
284 • CALL make_booking ('MPF2', '2024-06-15', '10:00:00', 'stari'); -- PAID AS ROOM TYPE
285 • SELECT * FROM bookings; -- ID 19
286 • SELECT * FROM rooms;
287 • CALL update_payment (19); -- PAID
288 • CALL view_bookings (19); -- DONE
289 • CALL cancel_booking (19, @message);
290 • SELECT @message;

```

Result Grid

#	@message
▶	Booking has already been cancelled or paid

Filter Rows: Export: Wrap Cell Content:

Result 11 × Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 14	10:17:22	CALL cancel_booking (19, @message)	1 row(s) affected	0.046 sec
✓ 15	10:17:29	SELECT @message LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec

However, the member with ID 19 had another commitment on that date so she cancellation booking. Since the cancellation was made before the booking date, she was able to cancel without any issues.



THANK YOU

Further Info:

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