

Run SQL query/queries on database `court_tracking_system`:

12

SELECT * FROM defendant; SELECT * FROM caserecord; SELECT * FROM charge; SELECT * FROM lawyer; SELECT * FROM case_lawyer; SELECT * FROM court_event;

13

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-- UPDATE: Modify inserted test data

15

UPDATE defendant SET Name = 'Updated User' WHERE Email = 'test.user@example.com';

16

UPDATE charge SET Status = 'Closed' WHERE case_ID = 4;

17

UPDATE lawyer SET Firm = 'Updated Firm' WHERE lawyer_ID = 4;

18

UPDATE court_event SET Location = 'Updated Court' WHERE case_ID = 4;

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-- DELETE: Remove inserted test data

21

DELETE FROM case_lawyer WHERE case_ID = 4 AND lawyer_ID = 4;

22

DELETE FROM court_event WHERE case_ID = 4;

23

DELETE FROM charge WHERE case_ID = 4;

24

DELETE FROM caserecord WHERE case_ID = 4;

25

DELETE FROM lawyer WHERE lawyer_ID = 4;

26

DELETE FROM defendant WHERE Email = 'test.user@example.com';

Clear

Format

Get auto-saved query

☐ Bind parameters

Delimiter;

☐ Show this query here again

☐ Retain query box

☐ Rollback when finished

☒ Enable foreign key checks

Go

Hide query box

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0000 seconds.)

USE court_tracking_system;

1 row inserted.
Inserted row id: 4 (Query took 0.0004 seconds.)

-- CREATE: Insert new records INSERT INTO defendant (Name, Date_of_Birth, Address, Ethnicity, Phone_Number, Email) VALUES ('Test User', '1995-12-31', '999 Test Lane', 'Test Ethnicity', '0400000000', 'test.user@example.com');

1 row inserted.
Inserted row id: 4 (Query took 0.0002 seconds.)

INSERT INTO caserecord (defendant_ID) VALUES (LAST_INSERT_ID());

1 row inserted.
Inserted row id: 5 (Query took 0.0001 seconds.)

INSERT INTO charge (case_ID, Description, Status) VALUES (4, 'Test Charge Description', 'Pending');

1 row inserted.
Inserted row id: 4 (Query took 0.0001 seconds.)

INSERT INTO lawyer (Name, Email, Phone_Number, Firm) VALUES ('Test Lawyer', 'test.lawyer@example.com', '0499999999', 'Test Firm');

1 row inserted.
Inserted row id: 4 (Query took 0.0001 seconds.)

INSERT INTO case_lawyer (case_ID, lawyer_ID) VALUES (4, 4);

1 row inserted.
Inserted row id: 4 (Query took 0.0001 seconds.)

INSERT INTO court_event (case_ID, Location, Description, Date) VALUES (4, 'Test Court', 'Test Event Description', '2025-08-01');

Showing rows 0 - 3 (4 total, Query took 0.0000 seconds.)

-- READ: Select from each table SELECT * FROM defendant;

defendant_ID	Name	Date_of_Birth	Address	Ethnicity	Phone_Number	Email	Created_At	U
1	John Doe	1985-04-12	123 Main Street,	Caucasian	0412345678	john.doe@example.com	2025-05-20 20:48:00	20

			Sydney					
2	Jane Smith	1990-07-23	456 Elm Street, Melbourne	Asian	0498765432	jane.smith@example.com	2025-05-20 20:48:00	20
3	Michael Johnson	1978-11-02	789 Oak Avenue, Brisbane	African Australian	0423456789	michael.johnson@example.com	2025-05-20 20:48:00	20
4	Test User	1995-12-31	999 Test Lane	Test Ethnicity	0400000000	test.user@example.com	2025-05-20 20:48:35	20

Showing rows 0 - 3 (4 total, Query took 0.0000 seconds.)

```
SELECT * FROM caserecord;
```

case_ID	defendant_ID	Created_At	Updated_At
1	1	2025-05-20 20:48:00	2025-05-20 20:48:00
2	2	2025-05-20 20:48:00	2025-05-20 20:48:00
3	3	2025-05-20 20:48:00	2025-05-20 20:48:00
4	4	2025-05-20 20:48:35	2025-05-20 20:48:35

Showing rows 0 - 4 (5 total, Query took 0.0000 seconds.)

```
SELECT * FROM charge;
```

charge_ID	case_ID	Description	Status	Created_At	Updated_At
1	1	Theft under \$5000	Pending	2025-05-20 20:48:00	2025-05-20 20:48:00
2	1	Resisting Arrest	Pending	2025-05-20 20:48:00	2025-05-20 20:48:00
3	2	Assault Occasioning Actual Bodily Harm	Closed	2025-05-20 20:48:00	2025-05-20 20:48:00
4	3	Fraudulent Misrepresentation	Open	2025-05-20 20:48:00	2025-05-20 20:48:00
5	4	Test Charge Description	Pending	2025-05-20 20:48:35	2025-05-20 20:48:35

Showing rows 0 - 3 (4 total, Query took 0.0000 seconds.)

```
SELECT * FROM lawyer;
```

lawyer_ID	Name	Email	Phone_Number	Firm	Created_At	Updated_At
1	Richard Roe	richard.roe@example.com	0411223344	Roe & Co. Law Firm	2025-05-20 20:48:00	2025-05-20 20:48:00
2	Lisa White	lisa.white@example.com	0433344556	White Legal Group	2025-05-20 20:48:00	2025-05-20 20:48:00
3	David Brown	david.brown@example.com	0422334455	Brown & Brown Lawyers	2025-05-20 20:48:00	2025-05-20 20:48:00
4	Test Lawyer	test.lawyer@example.com	0499999999	Test Firm	2025-05-20 20:48:35	2025-05-20 20:48:35

Showing rows 0 - 3 (4 total, Query took 0.0000 seconds.)

```
SELECT * FROM case_lawyer;
```

case_ID	lawyer_ID
1	1
2	2
3	3
4	4

Showing rows 0 - 3 (4 total, Query took 0.0000 seconds.)

```
SELECT * FROM court_event;
```

Event_ID	case_ID	Location	Description	Date	Created_At	Updated_At
1	1	Sydney Courtroom 1	Preliminary hearing for theft and resisting arrest	2025-05-10	2025-05-20 20:48:00	2025-05-20 20:48:00
2	2	Melbourne Courtroom 3	Trial for assault occasioning actual bodily harm	2025-06-15	2025-05-20 20:48:00	2025-05-20 20:48:00
3	3	Brisbane Courtroom 2	Hearing for fraudulent misrepresentation	2025-07-20	2025-05-20 20:48:00	2025-05-20 20:48:00
4	4	Test Court	Test Event Description	2025-08-01	2025-05-20 20:48:35	2025-05-20 20:48:35

1 row affected. (Query took 0.0002 seconds.)

```
-- UPDATE: Modify inserted test data UPDATE defendant SET Name = 'Updated User' WHERE Email = 'test.user@example.com';
```

1 row affected. (Query took 0.0001 seconds.)

```
UPDATE charge SET Status = 'Closed' WHERE case_ID = 4;
```

1 row affected. (Query took 0.0001 seconds.)

```
UPDATE lawyer SET Firm = 'Updated Firm' WHERE lawyer_ID = 4;
```

1 row affected. (Query took 0.0001 seconds.)

```
UPDATE court_event SET Location = 'Updated Court' WHERE case_ID = 4;
```

1 row deleted. (Query took 0.0001 seconds.)

```
-- DELETE: Remove inserted test data DELETE FROM case_lawyer WHERE case_ID = 4 AND lawyer_ID = 4;
```

1 row deleted. (Query took 0.0001 seconds.)

```
DELETE FROM court_event WHERE case_ID = 4;
```

1 row deleted. (Query took 0.0001 seconds.)

```
DELETE FROM charge WHERE case_ID = 4;
```

1 row deleted. (Query took 0.0001 seconds.)

```
DELETE FROM caserecord WHERE case_ID = 4;
```

1 row deleted. (Query took 0.0001 seconds.)

```
DELETE FROM lawyer WHERE lawyer_ID = 4;
```

1 row deleted. (Query took 0.0001 seconds.)

```
DELETE FROM defendant WHERE Email = 'test.user@example.com';
```