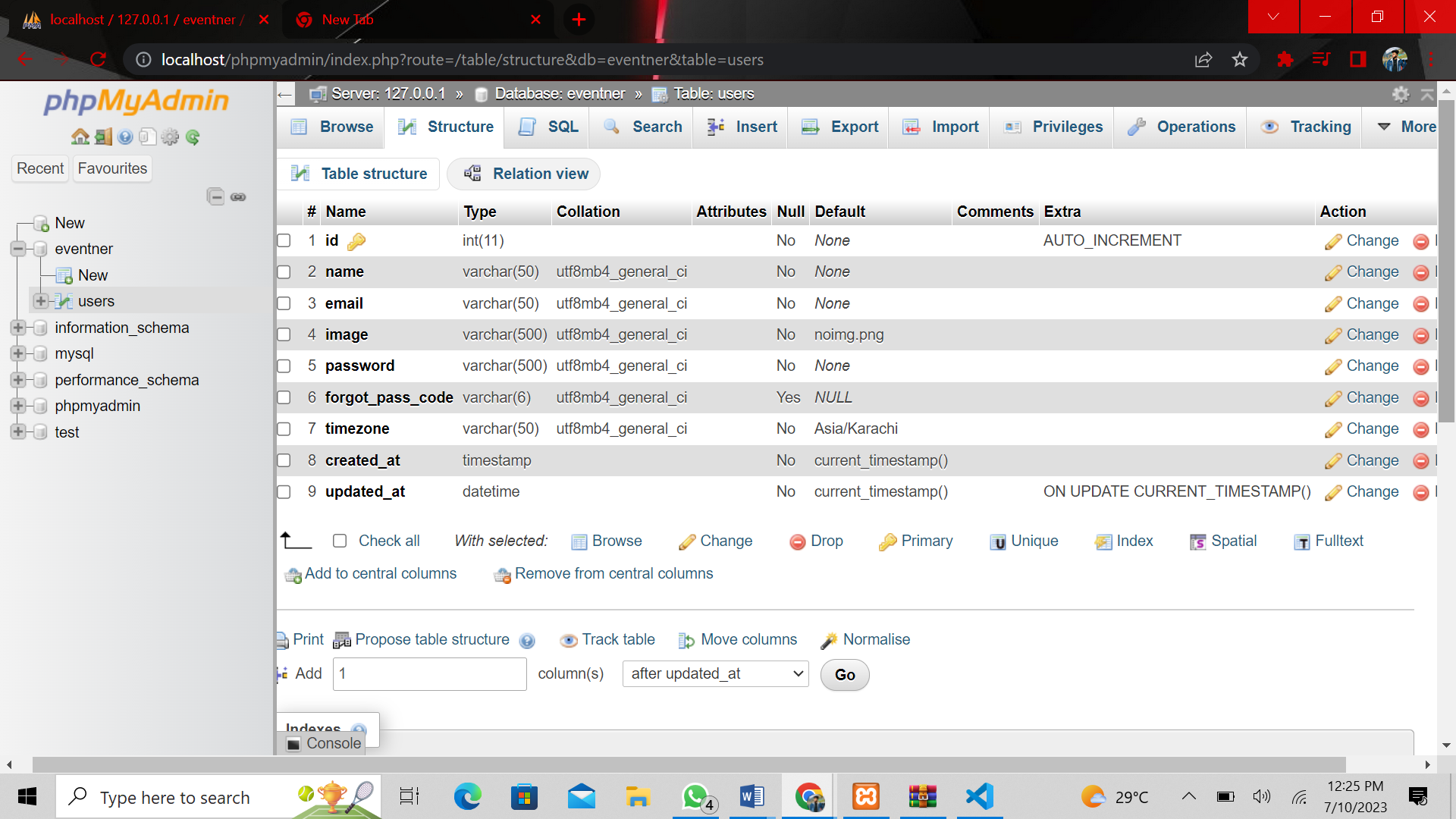
**DAY\_4**

**Name: Tuba Mushtaq**

**Task\_1**

**Users Table Structure:**

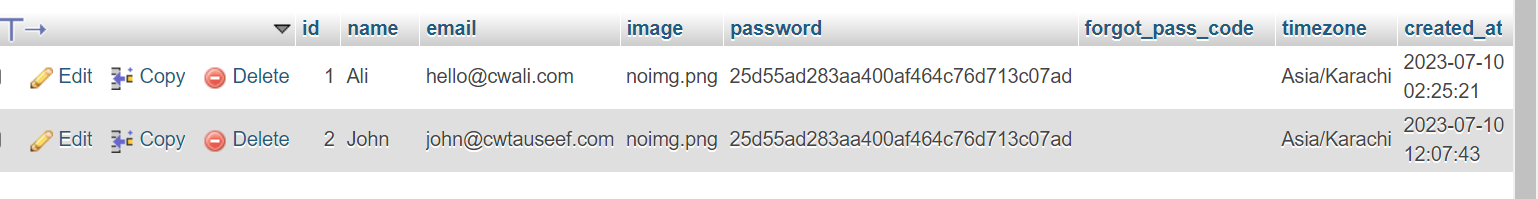


**Queries on Users Table:**

***Inserting values (Sign-up)***

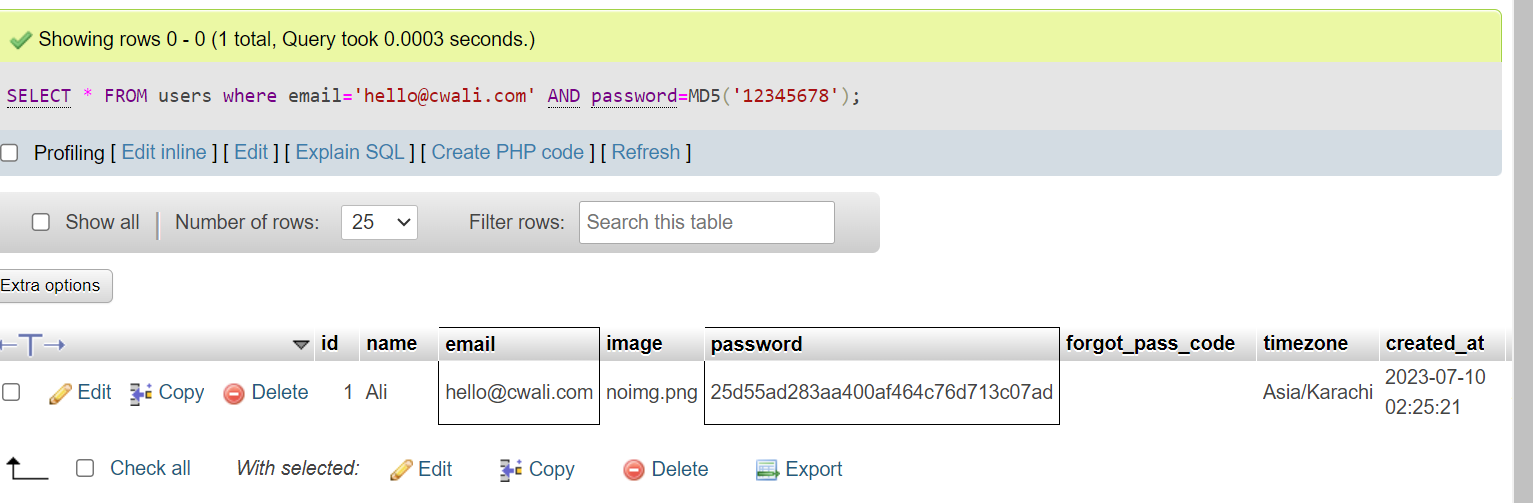
INSERT INTO users(name,email,password)VALUES('Ali','hello@cwali.com',MD5('12345678'));

INSERTINTOusers(name,email,password)VALUES('John','john@cwtausif.com',MD5('12345678');

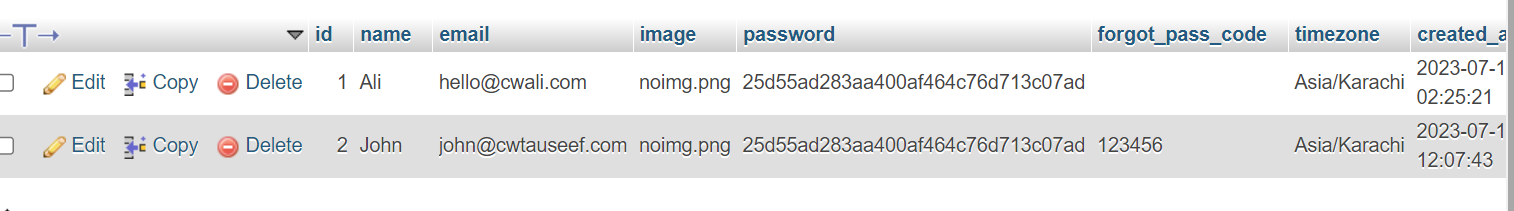


***Login***

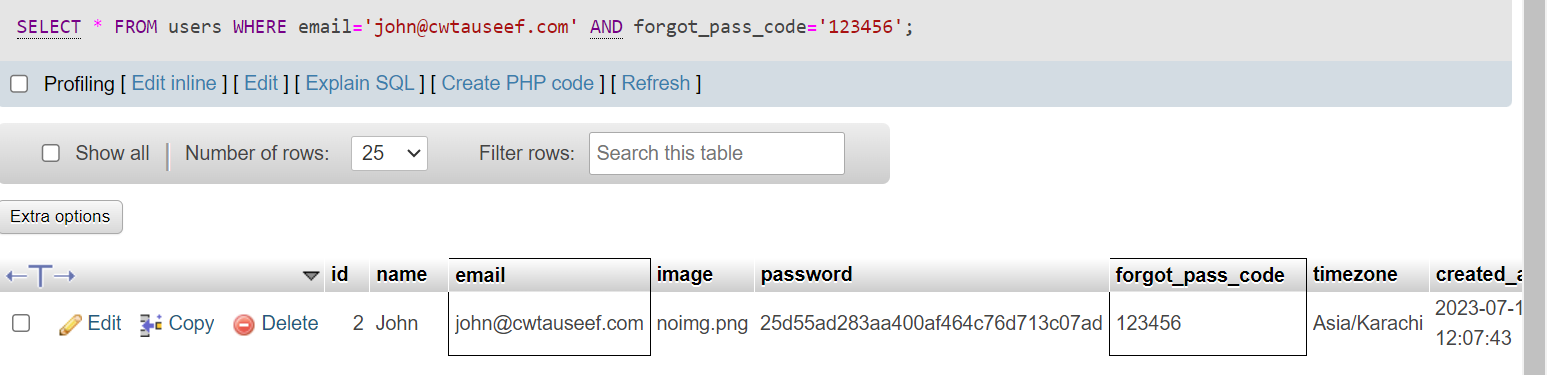
SELECT \* FROM users where email='hello@cwali.com' AND password=MD5('12345678');



***Forgot\_pass\_code***

UPDATE users SET forgot\_pass\_code='123456' where users.email='john@cwtauseef.com'; 

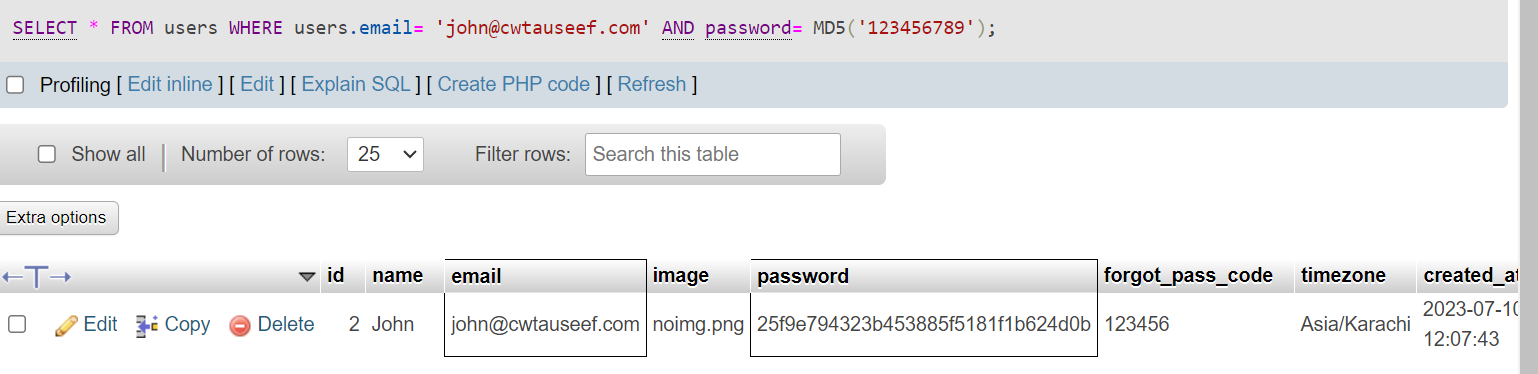
SELECT \* FROM users WHERE email='john@cwtauseef.com' AND forgot\_pass\_code='123456';



***Update Password***

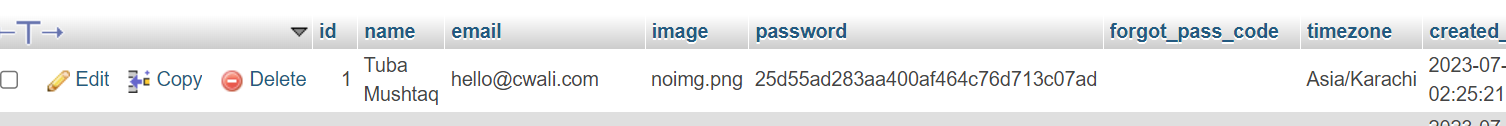
UPDATEusersSETpassword=MD5('123456789')whereusers.email='john@cwtauseef.com';

SELECT \* FROM users WHERE users.email= 'john@cwtauseef.com' AND password= MD5('123456789');



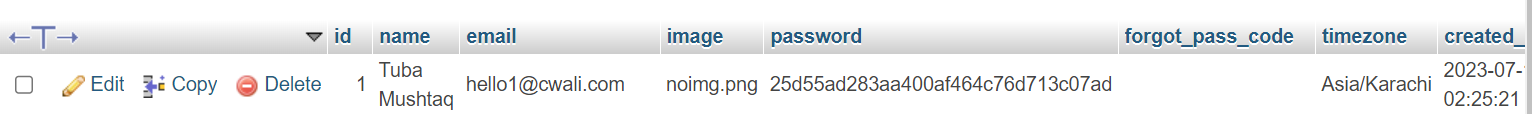
***Update name***

UPDATE users SET name='Tuba Mushtaq' WHERE email= 'hello@cwali.com';

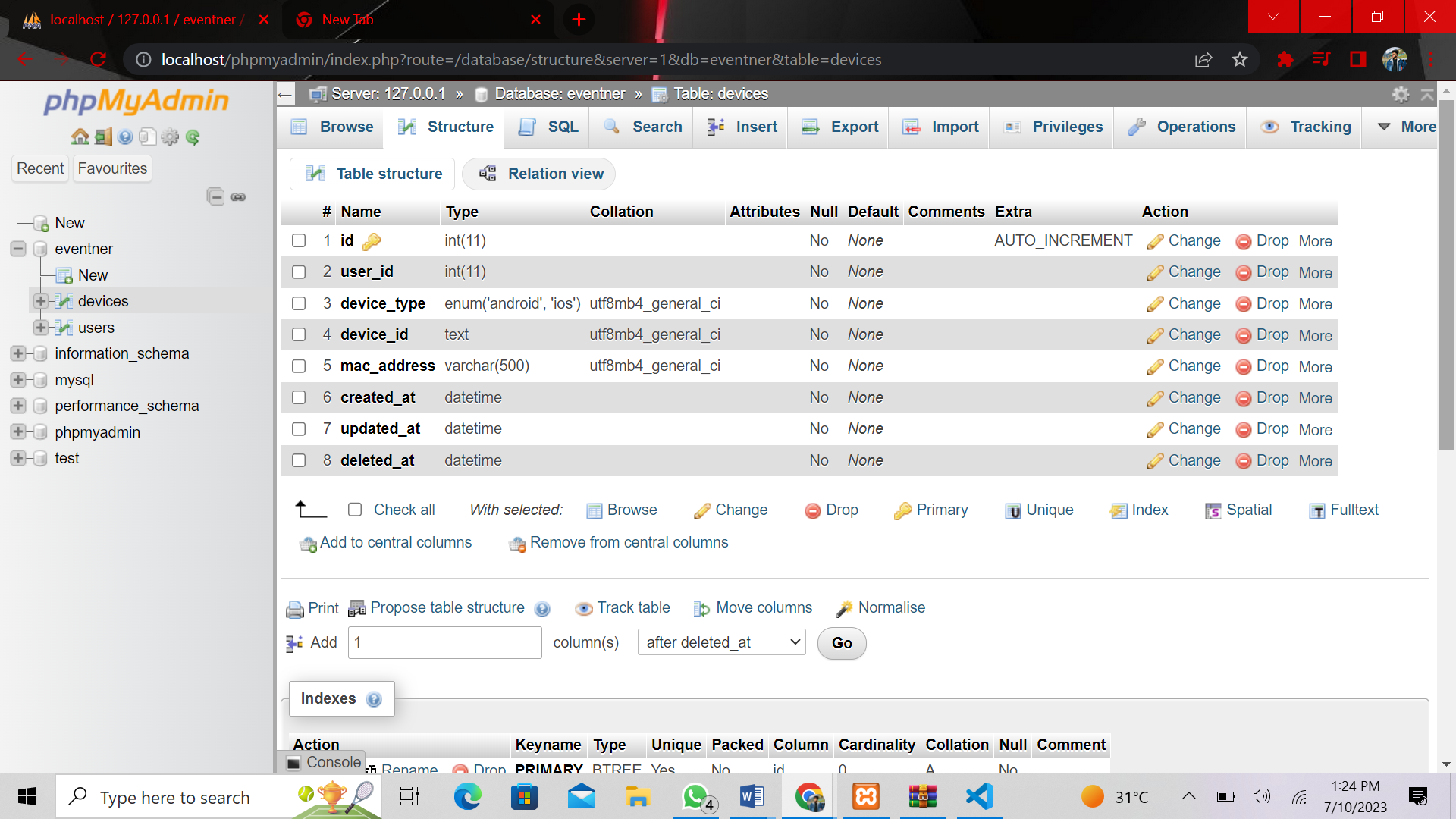


***Update email***

UPDATE users SET email='hello1@cwali.com' WHERE id=1;

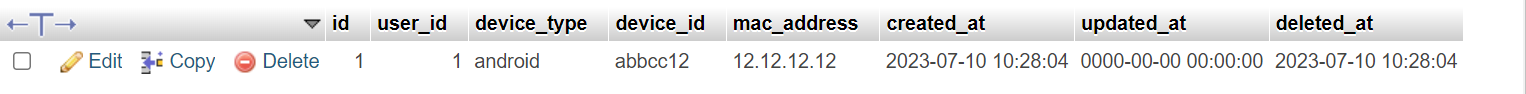


**Devices Table Structure**



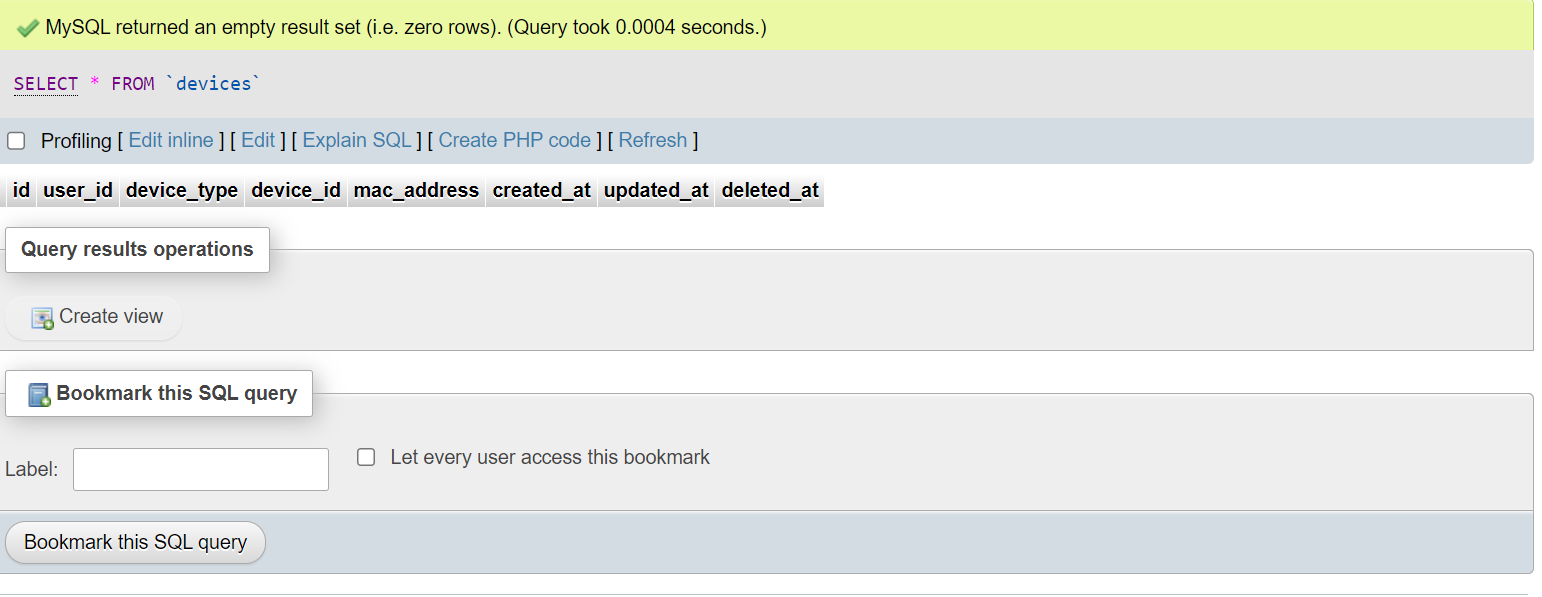
**Insertion in Device\_Table:**

INSERT INTO `devices` (`id`, `user\_id`, `device\_type`, `device\_id`, `mac\_address`, `created\_at`, `updated\_at`, `deleted\_at`) VALUES (NULL, '1', 'android', 'abbcc12', '12.12.12.12', '2023-07-10 10:28:04.000000', '0000-00-00 00:00:00.000000', '2023-07-10 10:28:04.000000');

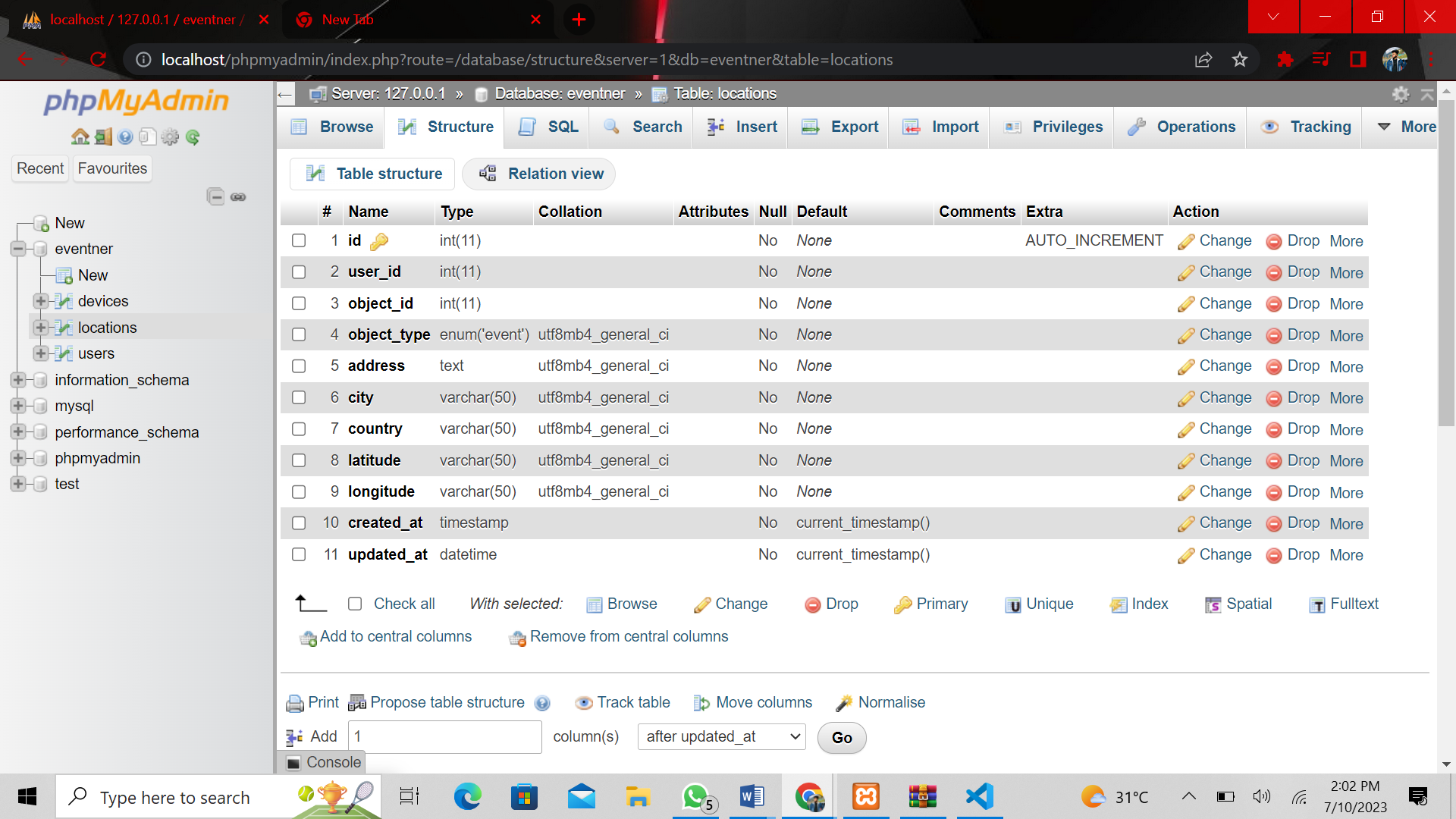


**Deletion in Device\_Table:**

DELETE FROM devices WHERE id=1;

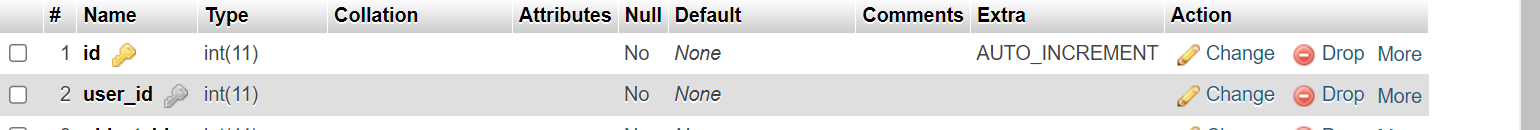


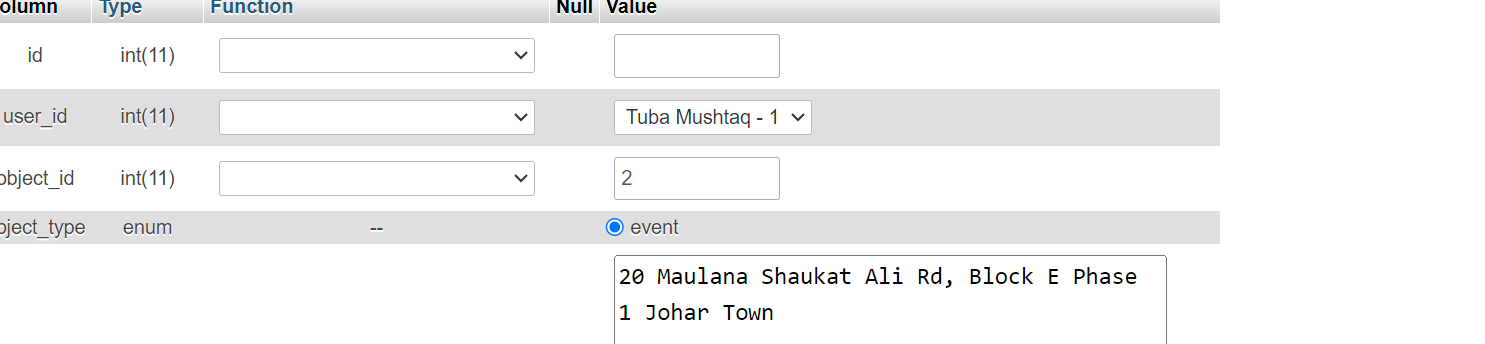
**Locations Table Structures**

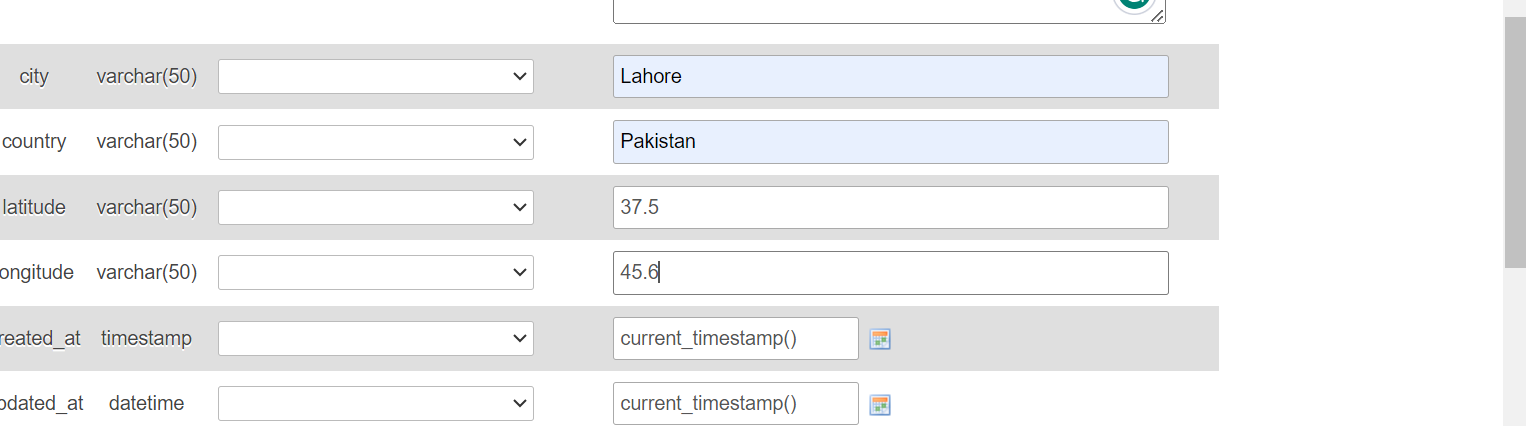


**Applying Foreign Key**

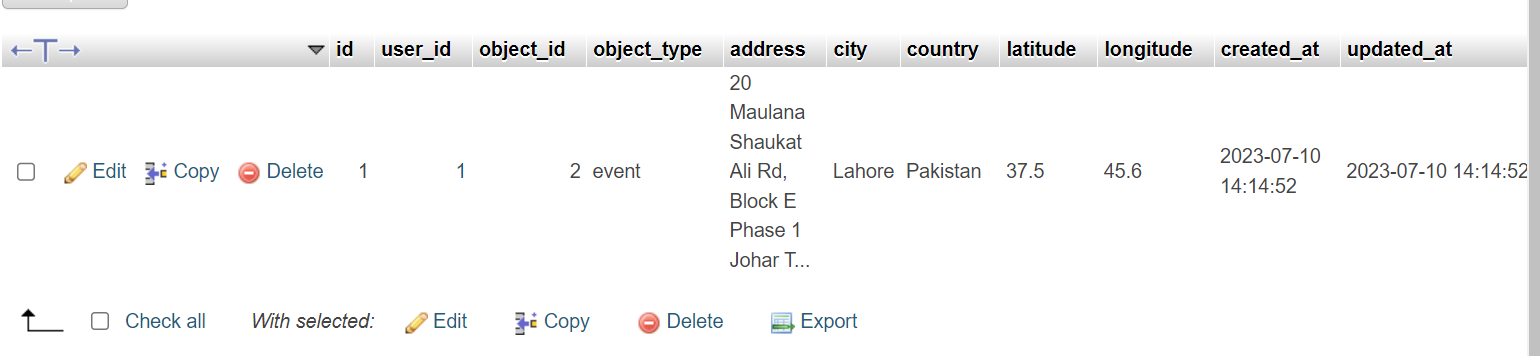
ALTER TABLE `locations` ADD CONSTRAINT `users\_fk` FOREIGN KEY (`user\_id`) REFERENCES `users`(`id`) ON DELETE RESTRICT ON UPDATE RESTRICT;



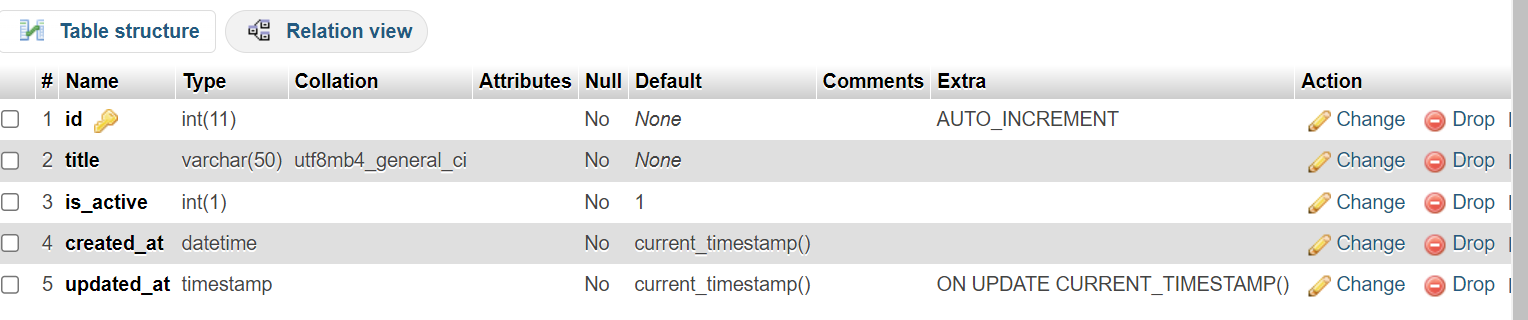




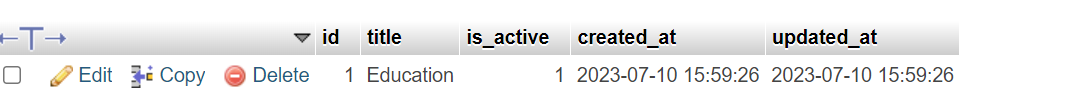
INSERT INTO `locations` (`id`, `user\_id`, `object\_id`, `object\_type`, `address`, `city`, `country`, `latitude`, `longitude`, `created\_at`, `updated\_at`) VALUES (NULL, '1', '2', 'event', '20 Maulana Shaukat Ali Rd, Block E Phase 1 Johar Town', 'Lahore', 'Pakistan', '37.5', '45.6', current\_timestamp(), current\_timestamp());



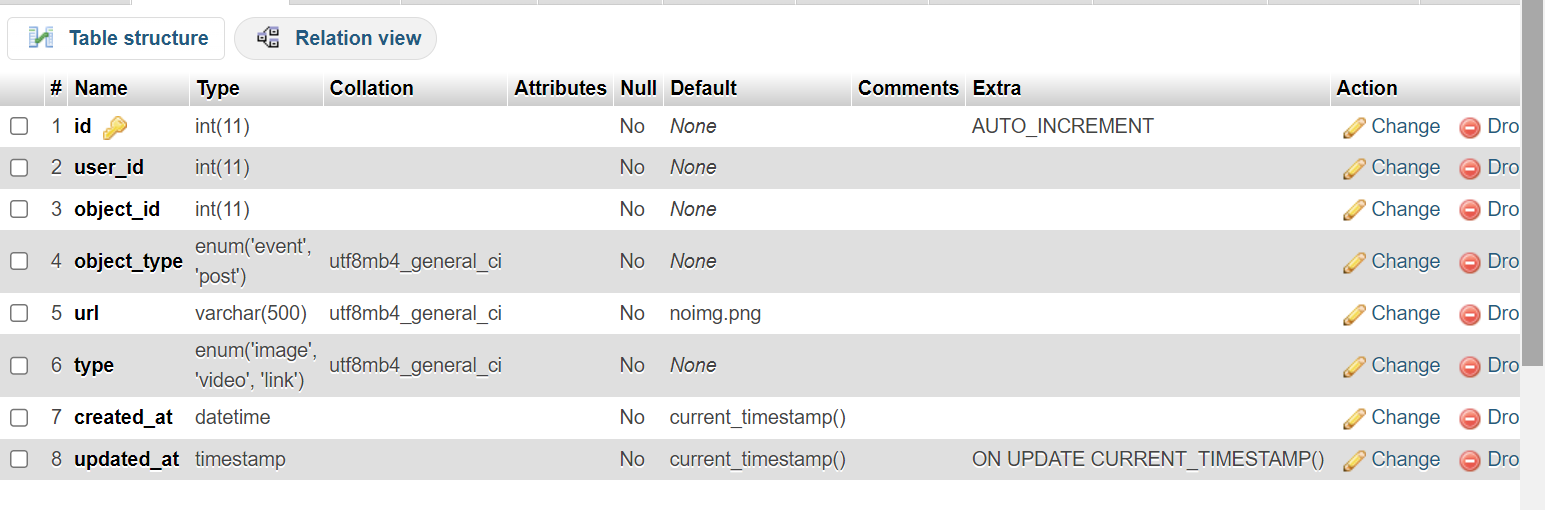
**Event\_Categories\_table Structure**

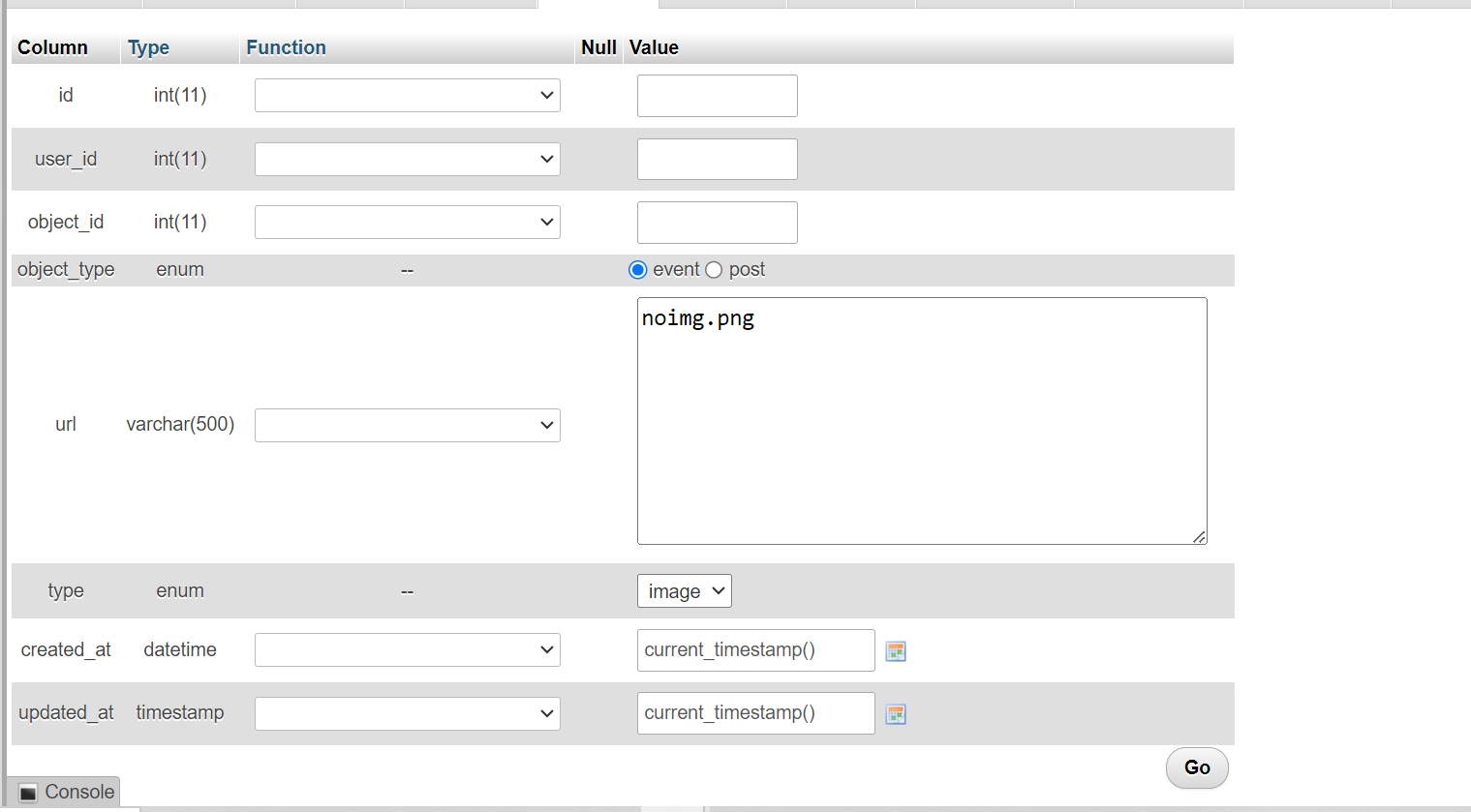
****

INSERT INTO `event\_categories` (`id`, `title`, `is\_active`, `created\_at`, `updated\_at`) VALUES (NULL, 'Education', '1', current\_timestamp(), current\_timestamp());

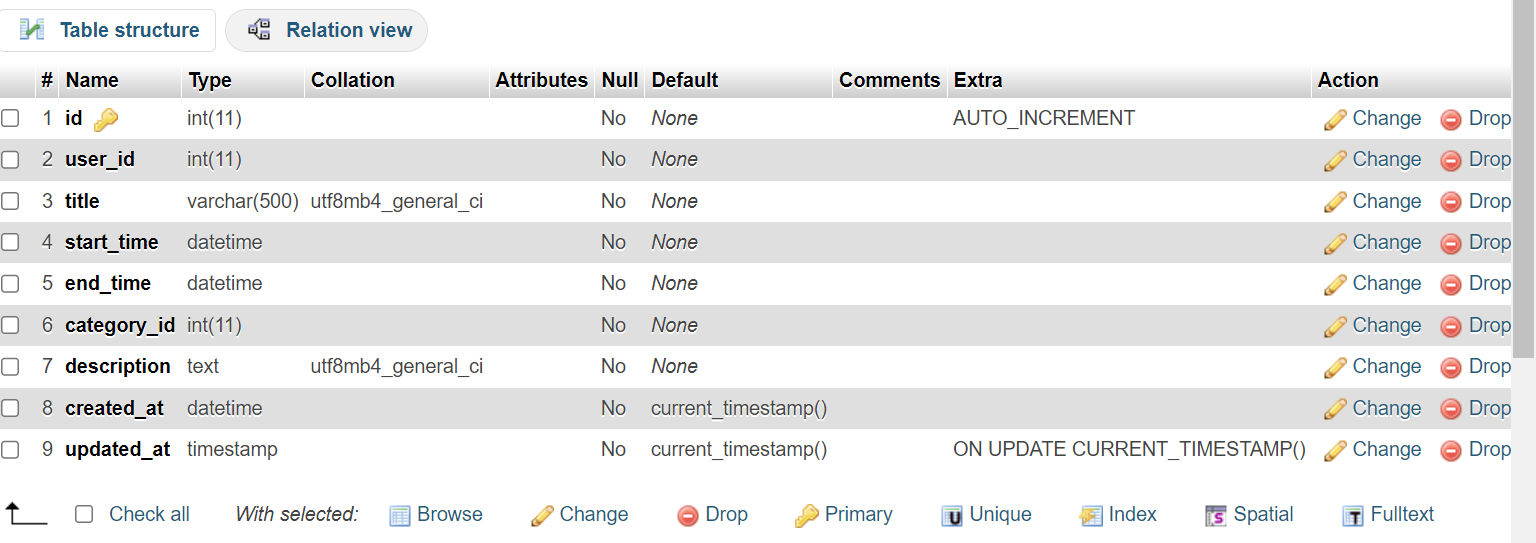


**Attachments\_Table**

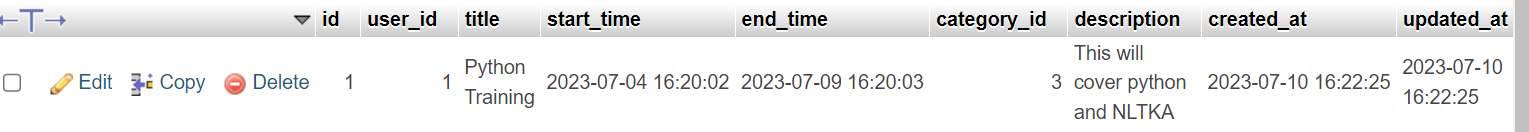


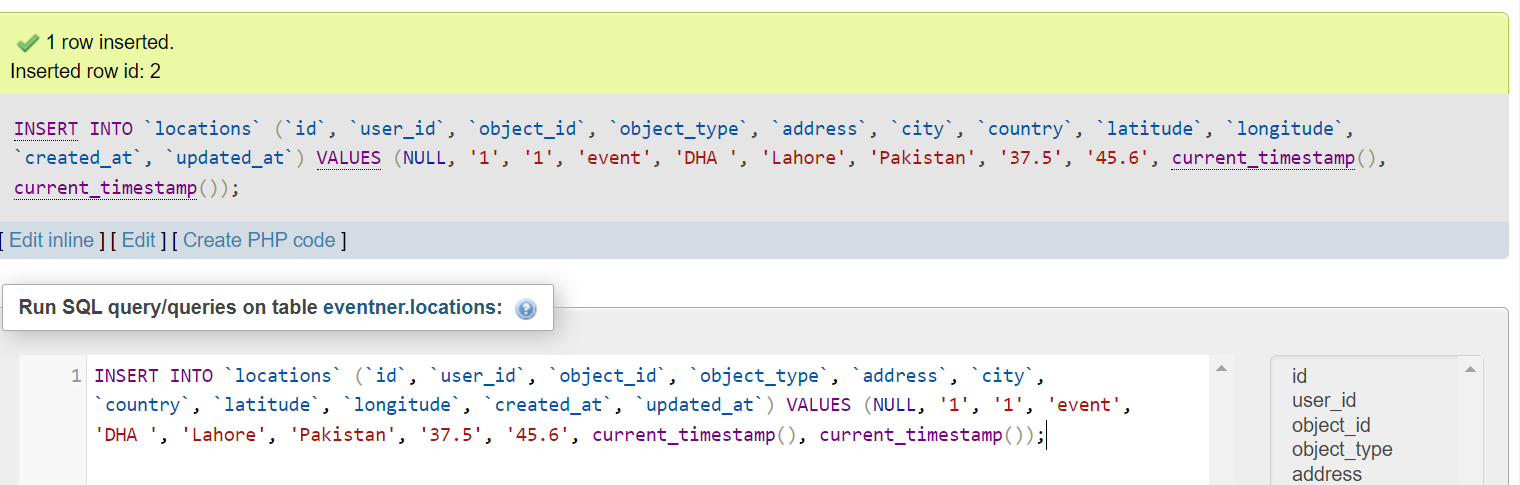


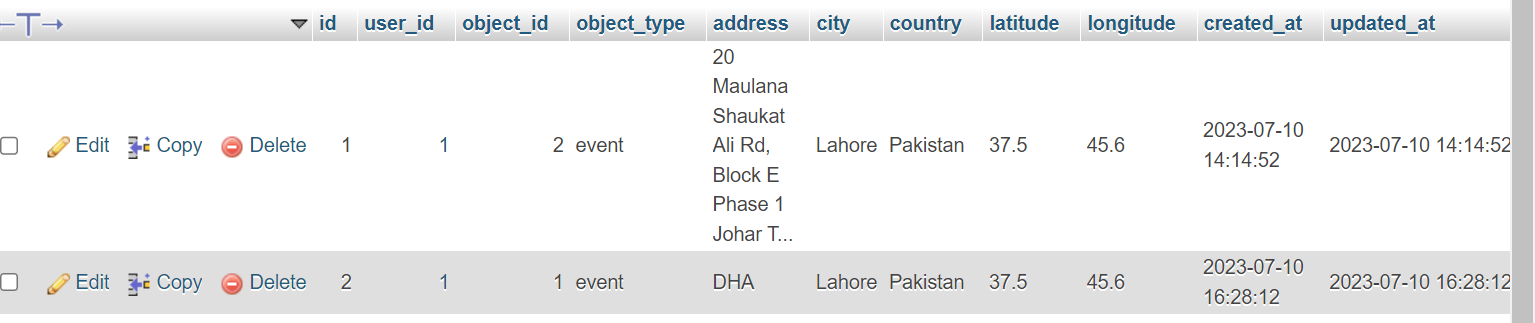
**Events Table Structure**

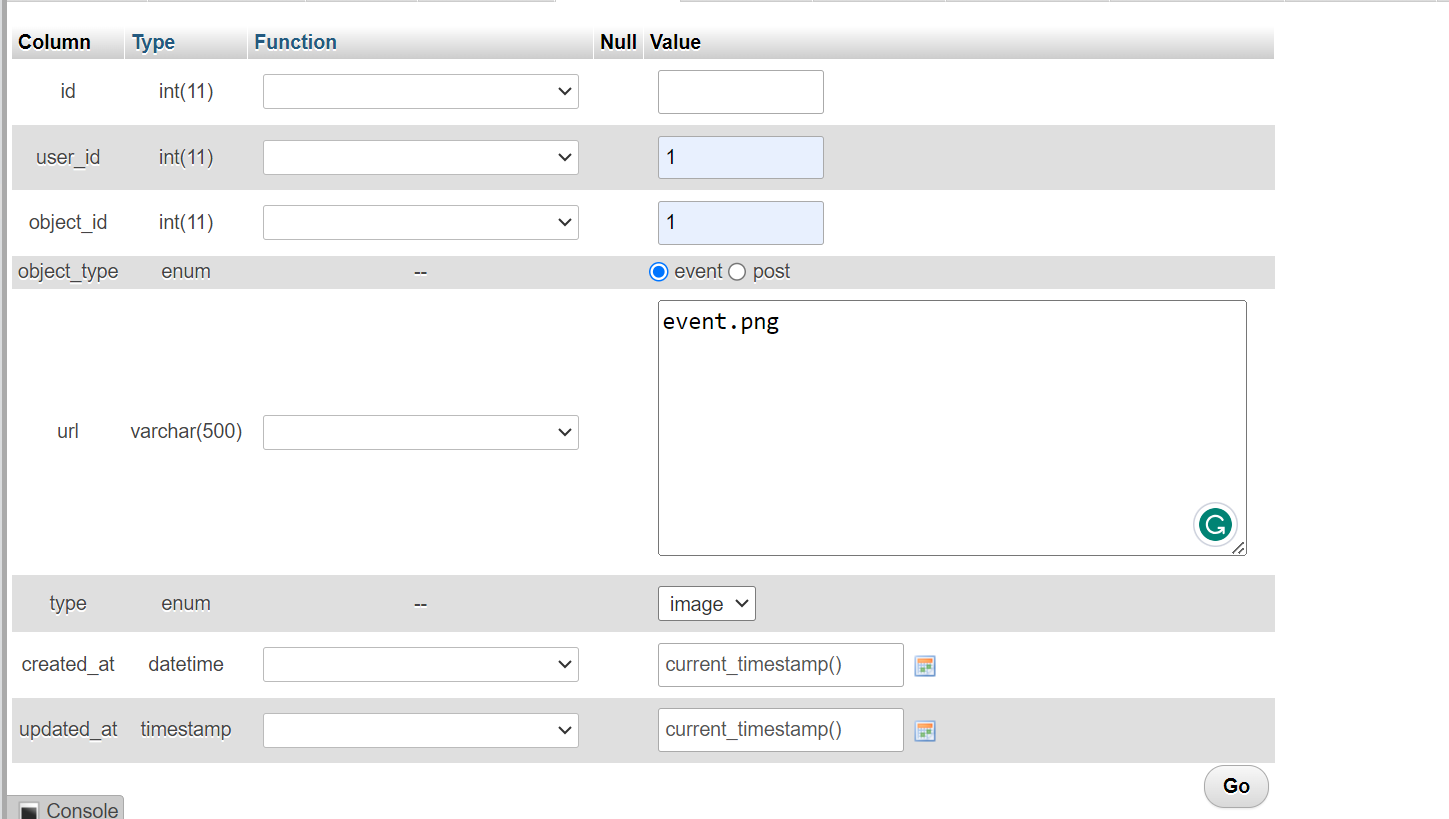
****

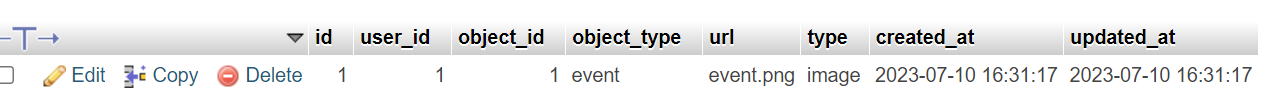
INSERT INTO `events` (`id`, `user\_id`, `title`, `start\_time`, `end\_time`, `category\_id`, `description`, `created\_at`, `updated\_at`) VALUES (NULL, '1', 'Python Training', '2023-07-04 16:20:02', '2023-07-09 16:20:03', '3', 'This will cover python and NLTKA', current\_timestamp(), current\_timestamp());









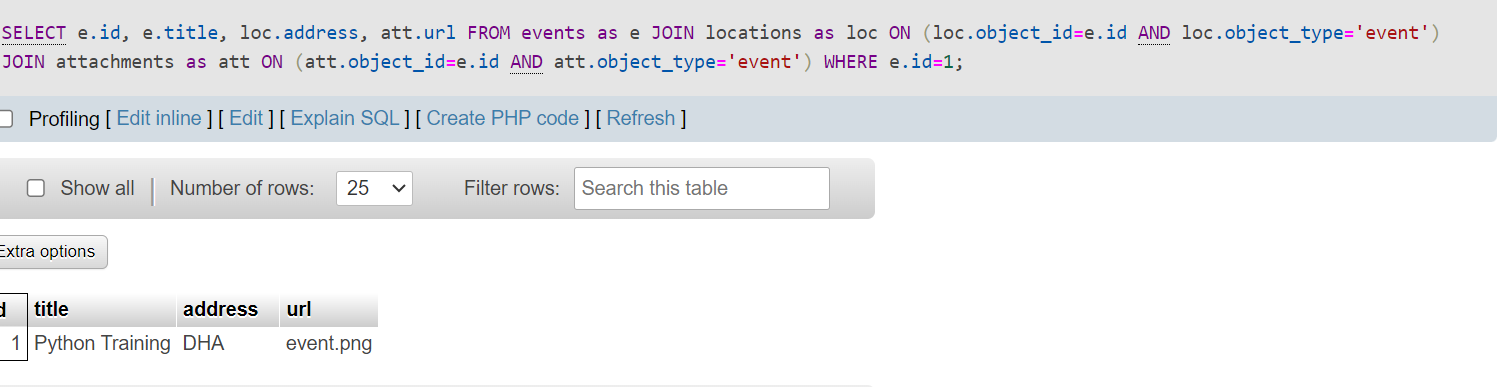


SELECT \* FROM `events`WHERE id=1;

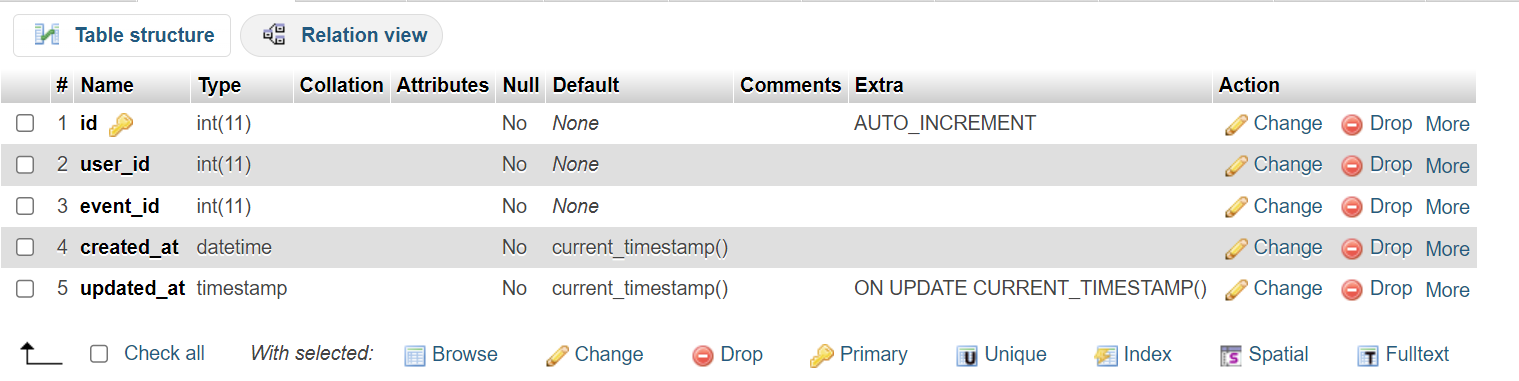


**Using Joins**

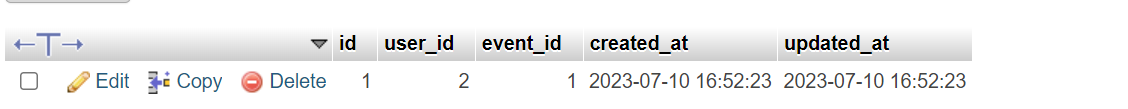
SELECT e.id, e.title, loc.address, att.url FROM events as e JOIN locations as loc ON (loc.object\_id=e.id AND loc.object\_type='event') JOIN attachments as att ON (att.object\_id=e.id AND att.object\_type='event') WHERE e.id=1;



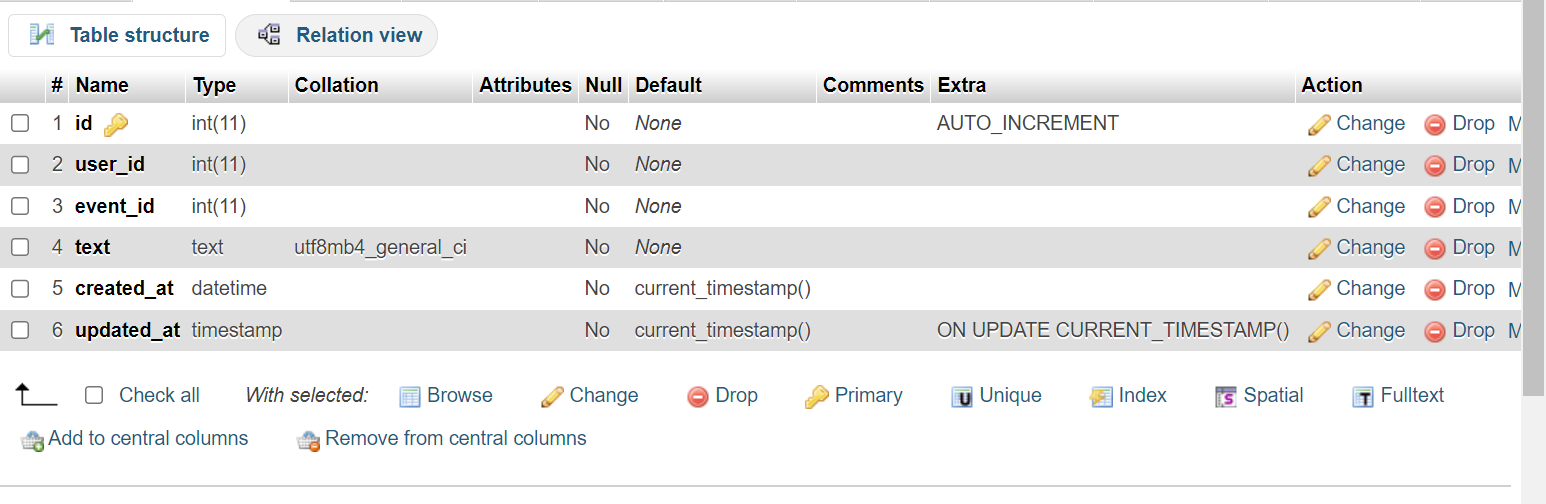
**Event\_Participants\_Table**

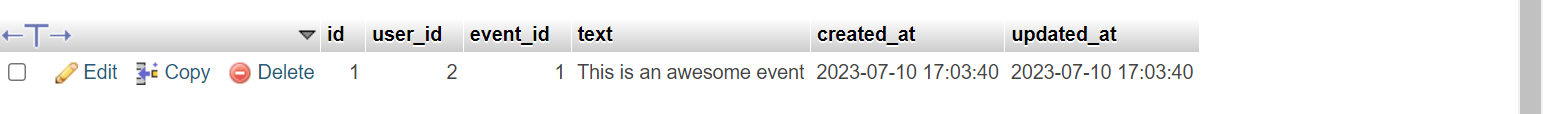
****

INSERT INTO `event\_participants` (`id`, `user\_id`, `event\_id`, `created\_at`, `updated\_at`) VALUES (NULL, '2', '1', current\_timestamp(), current\_timestamp());



DELETE FROM event\_participants WHERE event\_id=1 AND user\_id=2;

**Posts Table** ****

****

**Learning Outcomes:**

After watching all the playlist, I was able to learn extensively about SQL:

* How we create the structure of the table
* How we insert data into table using queries
* How we delete and update data in it
* How we implement joins in it
* Learn about the concepts of Primary and Foreign keys
* Use of APIs
* About conact TIMEZONES