SEARCH FOR A USER AND RETURN ASSOCIATIVE ARRAY RESPONSE - ACTIVITY

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SECTION: UCOS 3-1

INSTRUCTIONS.

- Our goal for this activity is to improve the **JOB APPLICATION SYSTEM** you just created. How are you going to identify the user who created the applicant? We can implement a login/registration feature. How can we identify which applicants' data are inserted, updated, or deleted? We can create the activity_logs table like I did from the recent lecture.

- What you must submit here is the last system you created but now, with a **LOGIN/REGISTRATION** and monitoring of **ACTIVITY LOGS** feature. Please keep in mind that all activity logs from users should be stored, **INSERTION, UPDATING, DELETION** and even search keywords a **USER SEARCHED**.

1. What does your entire SQL schema look like? Paste a screenshot below.

```sql
1    create table search_applicants_data (
2        id INT AUTO_INCREMENT PRIMARY KEY,
3        first_name VARCHAR(255),
4        last_name VARCHAR(255),
5        email VARCHAR(255),
6        gender VARCHAR(255),
7        license_number INT,
8        license_type VARCHAR(255),
9        position_applied VARCHAR(255),
10       specialization VARCHAR(255),
11       added_by INT,
12       date_added TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
13       modified_by INT,
14       last_updated TIMESTAMP DEFAULT CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTA
15   );
16
17   CREATE TABLE user_accounts (
18       user_id INT AUTO_INCREMENT PRIMARY KEY,
19       username VARCHAR(255),
20       first_name VARCHAR(255),
21       last_name VARCHAR(255),
22       password TEXT,
23       date_added TIMESTAMP DEFAULT CURRENT_TIMESTAMP
24   );
25
26   CREATE TABLE activity_logs (
27       activity_log_id INT AUTO_INCREMENT PRIMARY KEY,
28       operation VARCHAR(255),
29       id INT,
30       first_name VARCHAR(255),
31       last_name VARCHAR(255),
32       email VARCHAR(255),
33       gender VARCHAR(255),
34       license_number INT,
35       license_type VARCHAR(255),
36       position_applied VARCHAR(255),
37       specialization VARCHAR(255),
38       username VARCHAR(255),
39       date_added TIMESTAMP DEFAULT CURRENT_TIMESTAMP
40   );
41
42   CREATE TABLE user_searched (
43       search_id INT AUTO_INCREMENT PRIMARY KEY,
44       username VARCHAR(100),
45       keyword VARCHAR(255),
46       date_added TIMESTAMP DEFAULT CURRENT_TIMESTAMP
47   );
```

2. Please paste a Google Drive link below of a video presentation where you **create a new applicant, edit an applicant, delete an applicant, search for an applicant,** and an indication that each activity is inserted to the activity logs table. Every row stored there should contain the **USERNAME** of whoever **PERFORMED THE ACTION** and the **DATE ADDED**. Please make sure you set the visibility to **anyone with a link**.

https://drive.google.com/file/d/1gqfcA300VlbqcRHsXzILu1K4R5zlQf2r/view?usp=sharing

3. Paste the GitHub link of your job application system below.

https://github.com/shnpai/REG_ACTIVITYLOG/tree/main/ACTIVITY_LOGS
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