LU09.A01 - SQL- DCL: CREATE User - Under construction

Requirements

- Work type: individual
- Timeframe: 15 Minutes
- Means of aid:
    - only teaching materials, no websearch, no use of ai.
    - Webstorm with connection to the MySQL-DB
- Expected result: Semantically and syntactically correct SQL statements according to the requirements of the case studies.

It is high time to mess a litte around with our new SQL powers, don't you think. So let's try it directly on our Webstorm.

Case studies / Assignments

Task A

Create the User: Create a user named *restrictedUser* with the password *SafePassword123* using the *mysql_native_password* plugin.

Task B

Grant Privileges Without Table Management: Grant the user *restrictedUser* the ability to read and write data but not to create, alter, or drop tables. Use the following commands to give only the required privileges.

Task C

Rovoke Privileges: To be certain that nothing unintended can happen revoke the CREATE, ALTER, and DROP privileges explicitly.

Tasc D

View the User’s Privileges: Check the privileges to ensure that the user cannot manage tables.

Task E

Test the User's Access: Connect as *restrictedUser* and try to perform a CREATE TABLE or DROP TABLE operation. The attempt should result in a permission error.

Task F

Delete the User (optional): After testing, you can delete the user if they are no longer needed.

Solution

Lösung

Vocabulary

English	German
explicitely	ausdrücklich
assignment	Auftrag
to revoke	widerrufen, aufheben

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Last update: **2024/10/22 13:05**