

# 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 little 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

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

### Task 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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