

# EXPERIMENT 6

## DCL Commands – GRANT, REVOKE

```
mysql> CREATE USER 'student_user'@'localhost' IDENTIFIED BY 'password123';
ERROR 1396 (HY000): Operation CREATE USER failed for 'student_user'@'localhost'
mysql> DROP USER 'student_user'@'localhost';
Query OK, 0 rows affected (0.02 sec)

mysql> CREATE USER 'student_user'@'localhost' IDENTIFIED BY 'password123';
Query OK, 0 rows affected (0.02 sec)

mysql> CREATE USER IF NOT EXISTS 'student_user'@'localhost' IDENTIFIED BY 'password123';
Query OK, 0 rows affected, 1 warning (0.04 sec)

mysql> GRANT SELECT, INSERT, UPDATE
      -> ON SchoolDB.Students
      -> TO 'student_user'@'localhost';
Query OK, 0 rows affected (0.03 sec)

mysql>
mysql> REVOKE UPDATE
      -> ON SchoolDB.Students
      -> FROM 'student_user'@'localhost';
Query OK, 0 rows affected (0.01 sec)

mysql> SELECT User, Host FROM mysql.user WHERE User='student_user';
+-----+-----+
| User      | Host      |
+-----+-----+
| student_user | localhost |
+-----+-----+
1 row in set (0.00 sec)

mysql> |
```