**DATA CONTROL LANGUAGE**

**Authentication:** Authentication is a process of verifying the credentials of a

user to login into the system.

**Authorization:** Authorization is process of verifying whether the user as

permissions to perform any operation on the database.

**Data Control Language**: DCL commands are used to enforce database

security in multiple users’ database environment. These are two types….

* GRANT
* REVOKE

**GRANT:** Grant command is used for giving a privilege or permission for a user to

perform operations on the database.

Syntax: GRANT <Privilege Name> on <object name>

To {User} [With GRANT OPTION]

Privilege Name: Used to granted permission to the users for some rights are ALL,

EXECUTE and SELECT.

Object Name: It is the name of database objects like Table, Views and Stored

Procedure etc….

User: Used for to whom an access rights is being granted.

With Grant Option: Allows a user to grant access rights to other users.

**REVOKE:** Revoke command removes user access rights / privileges to the

database OR taking back the permission that is given to a user.

Syntax: Revoke <privilege name> on <object name > from {user}