# Logger

Thursday, February 6, 2025    9:00 AM

To check whether is authorized to access

Authentication :--- Who are you???

Admin / /User / Guest User --- Role

Authorization --- To give rights or access

Nlog

Let's create one class where we have to keep the ids and hashed password

NLOG is a namespace which is used to capture the errors issues  while logging
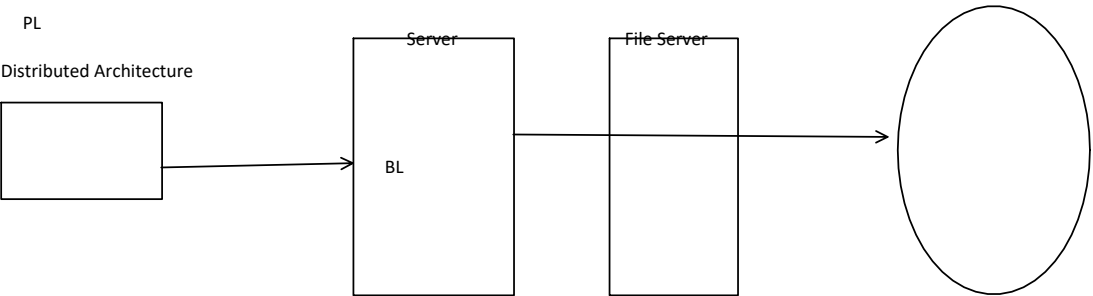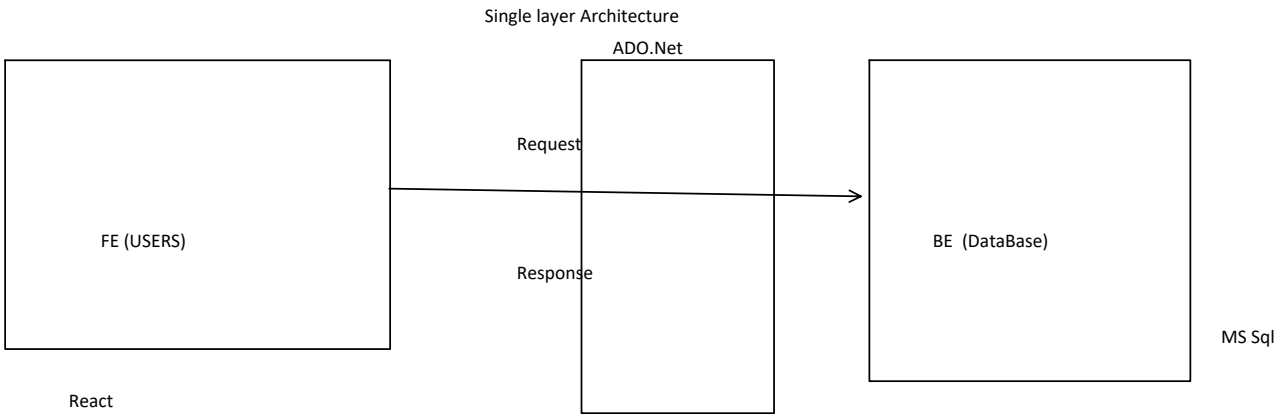
Add image also / background  With Razor Pager

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MS SQL Server  --

Mysql

Single layer Architecture

ADO.Net

| FE (USERS) | Request ──────────► | BE  (DataBase) |
|---|---|---|
| | Response | MS Sql |

React

PL

Distributed Architecture

Server          File Server

BL

MYSQL Workbench
SQL Server

Categories are divided into

DDL  -- Data definition Language -- Create  , Alter  ( defining or redefining the structure of tables)
DML -- Data manipulation Language -- insert , deleting , updating (manipulating with the data)

DCL -- Data Control Language -- grant & Revoke

TQL -- Transaction Control Language  -- Begin transaction , commit , rollback , savepoint

1. Data base  --- is a collection of tables
2. Table --- is a collection of records in the form of tables
3. Show databases;
4. Show tables;
5. Use <Database Name>
      Create table <TN> (column name along with datatypes)
      For eg create table Employee(Eid int , Ename varchar() , Edesig varchar())

6.