**Node JS**

**Creating Rest Full Web Service using Express JS Module**

Get method : Get the resource like employee, customer, order, products

In json format

Get method : search data or records using pk property

1. Query param
2. Path param

Post method : create the resource like store or insert the data in file system or database system.

Put or Patch methods : these method is use to update the existing resource property. Put is update to update whole resource. Patch is use to update partial property.

Delete method : it is use to delete the resource using pk

MVC Mode View Controller

MVT

db -🡪 folder

dbConfig.js : data base configuration

model -🡪

LoginModel.js -🡪 which connect to database table

repository -🡪

LoginRepository.js -🡪 database code to do SignIn and SignUp functionality

Service -🡪

LoginService.js -🡪 you can write service conditions.

Controller -🡪

LoginController.js

--🡪 responsible to receive the value from client and pass the value to service layer and base upon response redirect to particular view or send data or response.

Routing -🡪 folder

It contains all routing details.

App.js

Main entry of the application.

Database : it is use to store the data in property format.

DBMS : Database Management System

RDBMS : Relational database management system

Oracle :

Oracle database not available.

**create database databasename;**

**use databasename;**

**show databases;**

**show tables;**

MERN Stack or MEAN Stack

Mongo DB/MySQL Express JS React / Angular Node JS

Asp.net

SQL Server 2018, 2022 etc

IBM Java with Db2

Oracle/MySQL Java technologies.

Python with Django : SQLite

Mongo Db or MySQL

Limitation of SQL Database.

Schema base

Employee

Id Name Salary

Number varchar float phonenumber city

1 Steven 45000 null null

2 Lex 34000 8448575757 null

3 Lena 23000 null Bangalore

Sid SName Age technologies

1 Steven 34 C,C++,Python,Java

No SQL Database.

\_id,name,age,project: