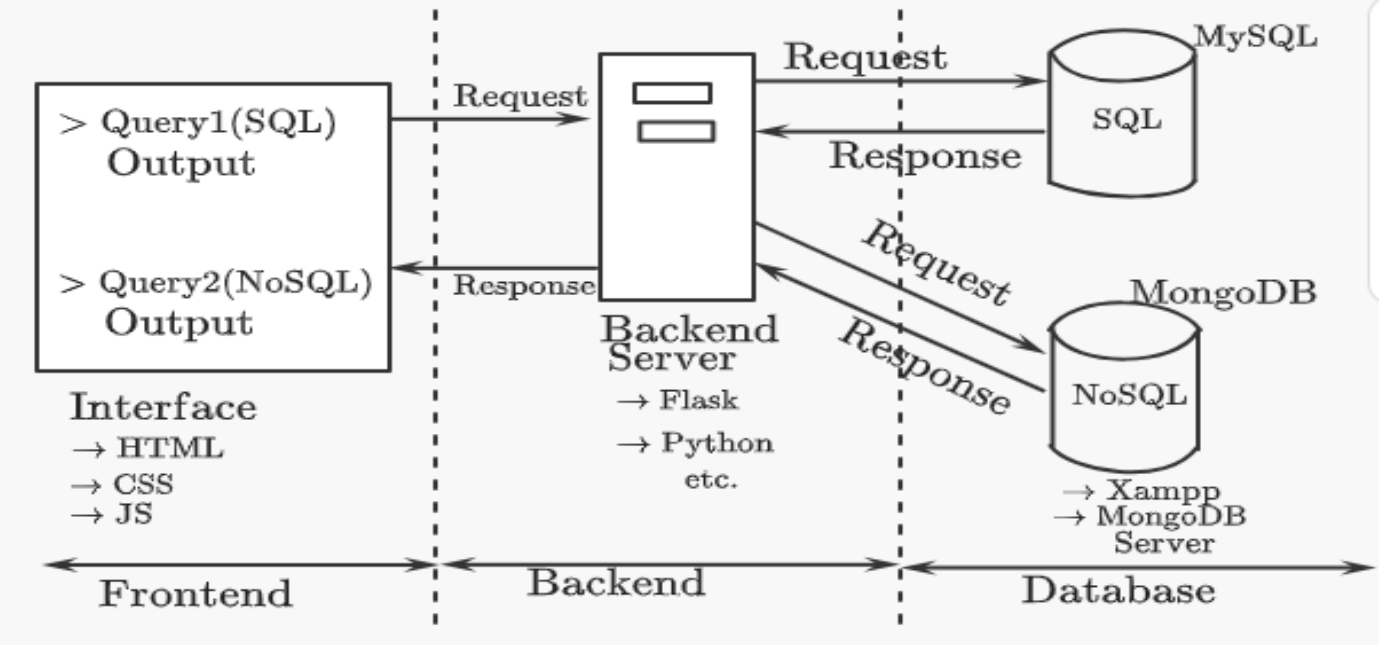
Project Documentation

Project Name : **Unified Query Interface for multiple database**

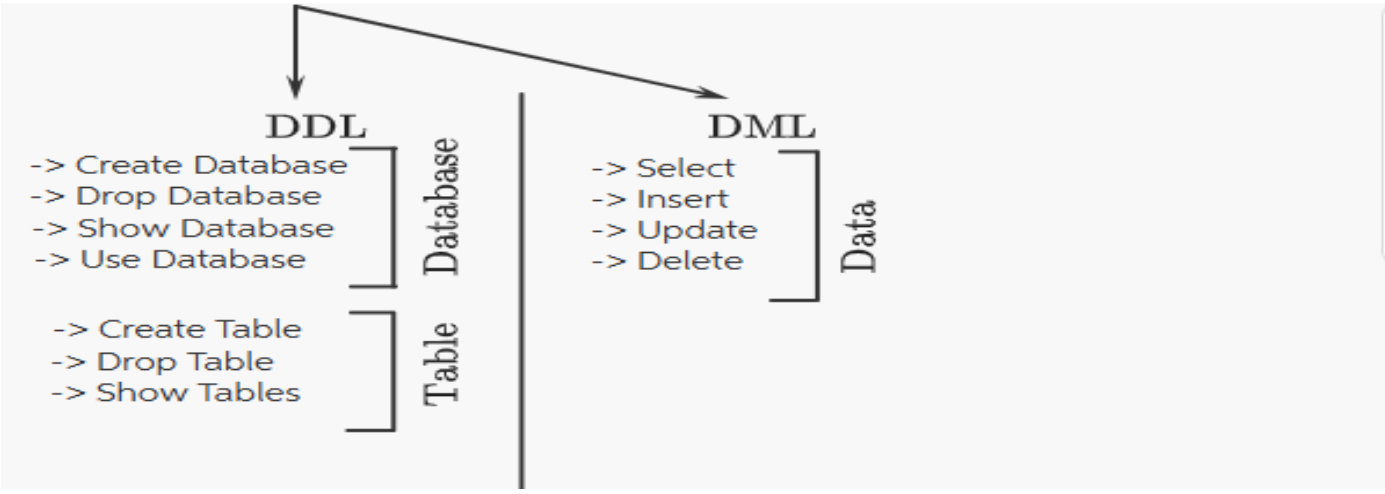
Project Category: Utility tools

1. Interface for multiple database
2. Query language

Project Architecture:



Project Functionality:



DDL -> Data Definition Language
DML -> Data Manipulation Language
DCL -> Data Control Language (Grant , Revoke)
TCL -> Transaction Control Language (Commit , Roll back etc.)

*** For Future Implementation**
-> More DDL, DML Commands
-> Add, DCL, TCL

(1) Database Functionality:

		SQl	NoSQL
(A)	Create Database	✅	✅
(B)	Show Database	✅	✅
(C)	Delete Database	✅	✅
(D)	Use Database	✅	✅

(2) Table Functionality:

		SQL	NoSQL
(A)	Create Table	✅	✅
(B)	Delete Table	✅	✅
(C)	Show Tables	✅	✅

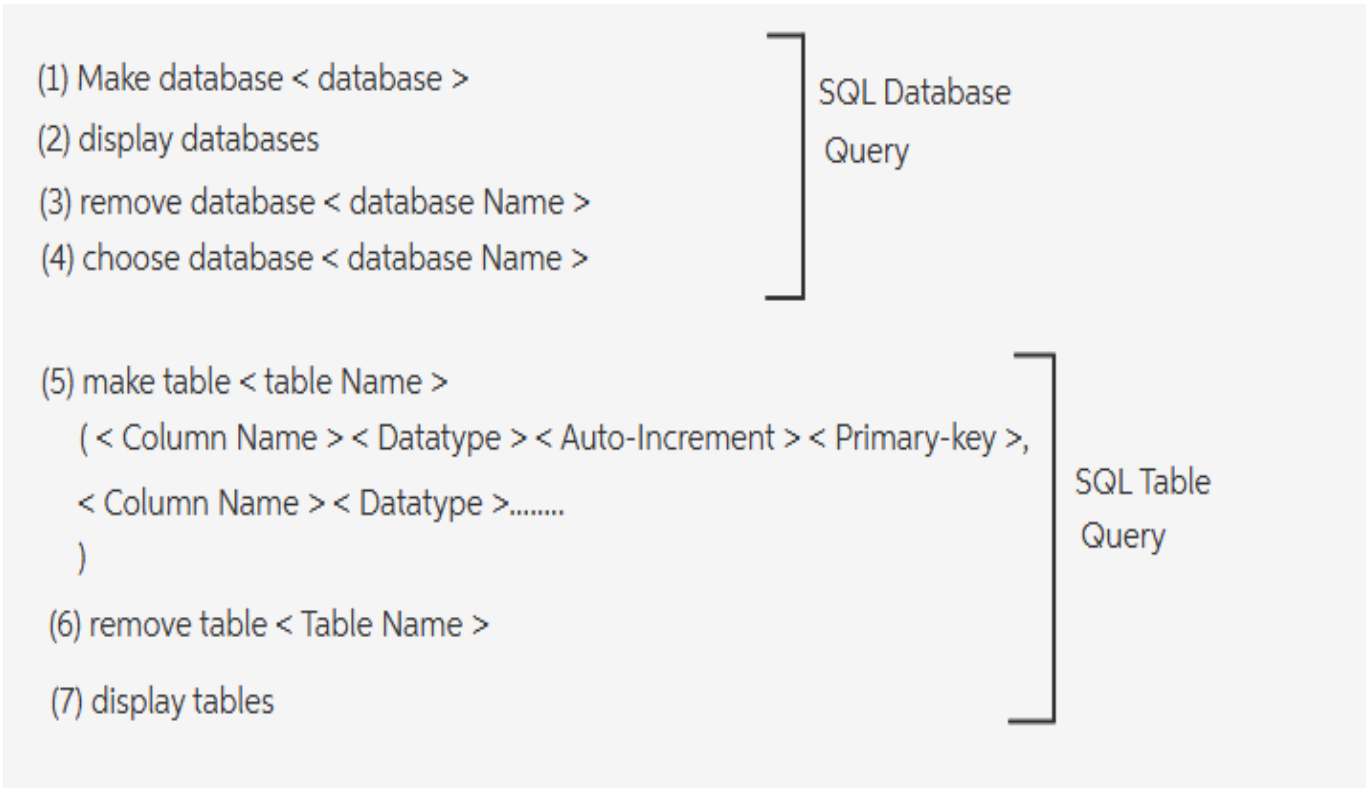
(3) Data Functionality:

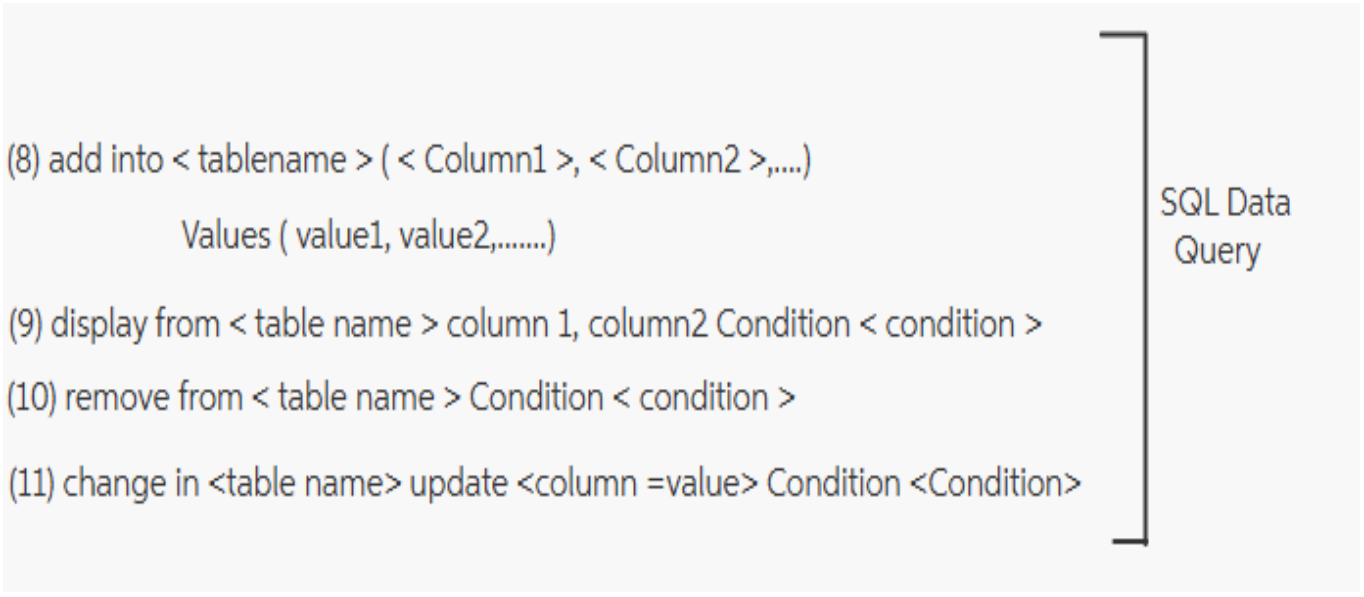
		SQL	NoSQL
(A)	Insert data into Table	✅	✅
(B)	Show data from Table	✅	✅
(C)	Update data	✅	✅
(D)	Delete data	✅	✅

Query Structure / Syntax / Commands available:

General Command : help, docs, clear, hello, exit, animate

* **SQL: (**MySQL)





NoSQl: (MongoDB)