

MySQL Workbench Simulator

Idea:

Create an interface to display a database based on multiple queries.

Language description:

Several types of queries, such as CREATE , SELECT or DROP.

Accepted strings:

- ✦ CREATE TABLE table-name{
column1-name datatype [constraint],
..... };
- ✦ drop TABLE table-name;
- ✦ SELECT * from table-name;
- ✦ INSERT INTO table-name values{value1,value2,..};

Rejected strings:

- ✦ SELECT * from table-name; // but table-name not exist.
- ✦ SELCT * from table-name;//syntax error.
- ✦ INSERT INTO table-name values{value1,value2,..}; //but datatype of value not match with datatype of column.

Prototype for the interface:

if we use command create for example : create table employee(Ssn int , fname varchar(255))

interface

employee
Ssn int
fname varchar(255)

if we use command select for example : select fname , Ssn from employee

interface

employee

fname	Ssn
mohamed	123456789
Asmaa	987654321
Ahmed	445566778

Team member :

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