

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

<i>employee</i>
<i>Ssn int</i>
<i>fname varchar(255)</i>

if we use command select

for example : select fname , Ssn from employee

Interface

employee

<i>fname</i>	<i>Ssn</i>
<i>mohamed</i>	<i>123456789</i>
<i>Asmaa</i>	<i>987654321</i>
<i>Ahmed</i>	<i>445566778</i>

Team members:

التوقيع

الاسم

رحاب حمدي محمد سالم

نسرين أحمد محمود التهامي