

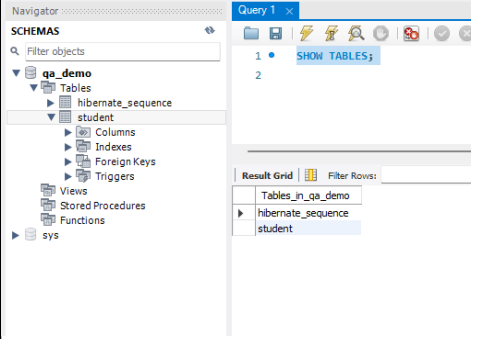
1) What do I need to write a test case to verify database

- Do we have documentation for the data that is in the database? or for the overall system?
- database schema?
- how is the data defined?
- do we already have some data or do we need to create some data
- test objective? integrity, manipulation, security, timeliness
- connection and environment conditions?
- accesses?

2) Test scenario design

TEST CASE	
	2.1 Database structure verification
Description:	Verifying the creation of the student database and verifying the list of columns in the table [id (bigInt), age (int), email (text), first_name (text), last_name (text)]
Tool:	My SQL workbench
Prerequisites:	database : qa_demo host aws.connect.psdb.cloud userName i84vadv7fflhyhbagctk password pscale_pw_j82wJU4Hp0uLgF29FuatMj8dYSrrvzplBtiJRQ8yShQ
Steps:	1) list the tables with the query SHOW TABLES 2) display the student table with the query DESCRIBE student
Expected result:	1) a list with the table 'student' will be displayed 2) a list of columns in the table and their data types will be displayed as follows: id (bigInt), age (int), email (text), first_name (text), last_name (text)

3) Test the given test case

TEST REPORT	
Date:	12/04/2024
Enviroment:	Win 11 Pro + MySQL Workbench 8.0 CE
Test:	Database structure verification:
Status:	PASSED
Actual steps:	<p>1) table student found see attachment</p>  <p>2) the column list and their data types match, see the attachment</p> 