

Test Category: Unit		Description: Verify USER Table and attributes		
Test Case: 1.2		Case Name: Verify USER Table	Version: 1	Written By: Justin Bennett
Requirements Fulfilled: 3.1.7.1		Purpose: To ensure the existence of a USER table and correct attributes in the database.		
Setup Conditions: <ul style="list-style-type: none">Administrator has SSH session open to database serverUser logged in has root access				
Test Case Activity		Pass/Fail	Comments	Expected Result
1	User starts MySQL on database server.			MySQL prompt appears.
2	User enters query: “SHOW DATABASE;”.			Current databases stored on server are displayed.
3	User enters query: “USE CLASH;”.			Database changed message is displayed.
4	User enters query: “SHOW TABLES;”.			A list of all tables in database is displayed.
5	User enters query: “DESCRIBE USER;”.			USER table is displayed.
6	User verifies attributes match attributes from requirements document.			Attributes are correct according to requirements document.

Category ID	Description	Test Case	Description	Objective
3	Database Management	1.1	Access Database Server	Access Database server.
		1.2	Verify USER Table	Demonstrate USER table exists with correct attributes.

3.1.7. System Database

This section pertains to the creation of a database. This database will contain 7 unique tables that will be used for User Account Management, Document handling and Data reporting.

The following functional requirements shall be met:

1. A table for USER shall be created with the following attributes:
 1. Username.
 - a. VARCHAR(30)
 - b. NOT NULL
 - c. UNIQUE
 2. Password.
 - a. VARCHAR(30)
 - b. NOT NULL
 3. Usertype.
 - a. INT(2)
 - b. NOT NULL
 - c. Foreign Key references USER_TYPE(usertype)
 4. User ID.
 - a. INT(15)
 - b. Primary Key