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| **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:**   * **Administrator has SSH session open to database server** * **User 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. | |

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| **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