**Database Test Scripts**

**NASA EVA Gamification**

*Group 3*

**Prepared By**

Okechukwu Ogudebe

Victoria Guadagno

Jacqueline Macfadyen

Michael Salgo

Kevin Fortier

Table of Contents

[Test Script < Database-01 > 3](#_Toc508905681)

[Identification 3](#_Toc508905682)

[Preparation of the environment 3](#_Toc508905683)

[Test Script 3](#_Toc508905684)

|  |  |  |  |
| --- | --- | --- | --- |
| **Version Number** | **Description of Change** | **Author** | **Date** |
| 1.0 | Initial Creation of Document | Okechukwu Ogudebe | 03/03/2018 |
| 1.1 | Revised Document for Formatting | Michael Salgo | 03/15/2018 |

# Test Script < Database-01 >

## Identification

Unique Identifier of Script: Database-01

Test Script Version: Version 01

Author of Test Script: Okechukwu Ogudebe

Test Object: Database

## Preparation of the environment

Before this script is loaded the following actions should be taken to meet the desired environment conditions.

* MariaDB / MySQL should be correctly configured
* Build the game’s database with real “functions”
* Load the database
* Configure the database to work correctly on the browser and testing tools

## Test Script

Tester: Okechukwu Ogudebe

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | **Logging** | | |
| **Step#** | **Action to take** | **Expected Result** | **Actual Result** | **Pass/Fail** | **Remarks** |
| 1 | Connect to database | Connect to database. | Connects to game database. | Pass | Connects our database to the game. Data can be parsed from the database to the game. Useful in storing and getting user information. |
| 2 | Click Insert | Insert data into a table. | Inserts data into the table. | Pass | Insert adds data into an empty table. The data store must correspond to the data type defined. |
| 3 | Create table | Create a new  table in the database. | Creates a new table on the table. | Pass | Create table command creates a new table in the database and will contain game data. |
| 4 | Select table | Selects table. | Selects the corresponding table name. | Pass | Select is used in selecting data within the table. It useful when parsing data to the webpage. |
| 5 | GET ID | Selects user. | Select user profile from the table ID. | Pass | Gets user data based on the User ID in the database. Users are ordered in the database using their own Unique ID. No two users can share the same ID. |
| 6 | Update User Info | Updates the content of the User table. | Update data in the database. | Pass | Updated data in a specific table. When used with the correct parameters, the Update User Info will update user data in the database. |
| 7 | Delete Prof\_Pic | Deletes users profile picture. | Deletes data from the database. | Pass | Delete command is used in deleting content from the database. In this instance, we have deleted our User’s profile picture. |
| 8 | Select \* FROM Users LIMIT 20; | Selects 20 rows from the table users. | Selects 20 rows from the table users. | Pass | Displays a list of 20 users obtained from the database. It orders users from the first ID to the 20th user in the database. |