**Game Test Suite**

**NASA EVA Gamification**

*Group 3*

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| **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 |
| 1.2 | Revised Test Scripts | Okechukwu Ogudebe | 03/26/2018 |
| 1.3 | Revised Test Scripts | Michael Salgo | 03/28/2018 |

# Test Script Game Badge New

## Identification

Unique Identifier of Script: Game-01

Test Script Version: Version 01

Author of Test Script: Michael Salgo

Test Object: Game

## Preparation of the environment

Before this test script can be executed, the following environment requirements must be met:

* Test Script UserProfile-02 has already been performed

## Test Script

Tester:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | **Logging** | | |
| **Step#** | **Action to take** | **Expected Result** | **Actual Result** | **Pass/Fail** | **Remarks** |
| 1 | Delete the gamification\_badges table from the MediaWiki database | The gamifcation\_badges table is deleted without error |  |  |  |
| 2 | Install the NASA\_EVA\_Gamification extension by running “php update.php” in the maintenance folder within the MediaWiki folder | The gamification\_badges table is recreated (a refresh of the database may be needed) |  |  |  |
| 3 | Open the user table in the MediaWiki database and get the user\_id of the users with user\_name values “Test1,” “Test2,” “Test3,” and “Test4” | The users for “Test1,” “Test2,” “Test3,” and “Test4” exist and their user\_id values are unique |  |  |  |
| 4 | Verify that the user\_email\_authenticated value is only populated for “Test2” user | The user\_email\_authenticated value is only populated for “Test2” user |  |  |  |
| 5 | Open the gamification\_badges table in the MediaWiki database and check that one record exists for the user\_id value relating to the user of “Test2” and that no other records exist for user\_id values relating to the users of “Test1,” “Test3,” or “Test4” | One record exists for the user\_id value relating to the user of “Test2” and that no other records exist for user\_id values relating to the users of “Test1,” “Test3,” or “Test4” |  |  |  |
| 6 | Verify that the record relating to the user of “Test2” has a badge\_tag value of “gamification-badge-emailverification,” a badge\_rank value of “gamification-rank-1,” and a date\_badge\_earned value of (NULL) | The record relating to the user of “Test2” has a badge\_tag value of “gamification-badge-emailverification,” a badge\_rank value of “gamification-rank-1,” and a date\_badge\_earned value of (NULL) |  |  |  |

# Test Script Game Badge Preexisting

## Identification

Unique Identifier of Script: Game-02

Test Script Version: Version 01

Author of Test Script: Michael Salgo

Test Object: Game

## Preparation of the environment

Before this test script can be executed, the following environment requirements must be met:

* Test Script Game-01 has already been performed
* User is not logged in; if a user is logged in, click “Log out” on the top-right hand of the screen to log out

## Test Script

Tester:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | **Logging** | | |
| **Step#** | **Action to take** | **Expected Result** | **Actual Result** | **Pass/Fail** | **Remarks** |
| 1 | Navigate to the MediaWiki home page | MediaWiki home page opens up |  |  |  |
| 2 | Click on the Create account” link on the top right-hand side of the screen | The Create account page loads |  |  |  |
| 3 | Create a user with the following Username, Password, Email address, and Real name (respectively):   * Test6 * Test123 * Test6@localhost * Test 6 | The “Welcome, Test6!” <h1> tag appears on a new page |  |  |  |
| 4 | Ensure that an email was received with the subject “My Wiki email address confirmation” to Test6@localhost | Email was received with the subject “My Wiki email address confirmation” to Test6@localhost |  |  |  |
| 5 | Open the user table in the MediaWiki database and get the user\_id of the user with user\_name value “Test6” | The user with user\_name value “Test6” exists and their user\_id value is unique |  |  |  |
| 6 | Verify that the user\_email\_authenticated value is (NULL) for “Test6” user | The user\_email\_authenticated value is (NULL) for “Test6” user |  |  |  |
| 7 | Open the gamification\_badges table in the MediaWiki database and check that no record exists for the user\_id value relating to the user of “Test6” | No record exists for the user\_id value relating to the user of “Test6” |  |  |  |
| 8 | Click on the first link within the received email which contains the email confirmation link | A “Confirm email address” <h1> tag appears on a new page |  |  |  |
| 9 | Open the gamification\_badges table in the MediaWiki database and check that one record exists for the user\_id value relating to the user of “Test6” | One record exists for the user\_id value relating to the user of “Test6” |  |  |  |
| 10 | Ensure that the badge\_tag and badge\_rank values are “gamification-badge-emailverification” and “gamification-rank-1” respectively for the record relating to the user of “Test6” | The badge\_tag and badge\_rank values are “gamification-badge-emailverification” and “gamification-rank-1” respectively for the record relating to the user of “Test6” |  |  |  |
| 11 | Ensure that the date\_badge\_earned value is not (NULL) and take note of this value | The date\_badge\_earned value is not (NULL) and the value has been noted |  |  |  |
| 12 | Click on the “Special pages” link on the left-hand side of the screen | The Special pages page loads |  |  |  |
| 13 | Scroll down and click on the “User Gamification Profile” in the “Other special pages” section | The “User Gamification Profile” page loads |  |  |  |
| 14 | Check that the URL is “index.php?title=S  pecial:UserGamific  ationProfile” | URL is “index.php?title=Sp  ecial:UserGamificat  ionProfile |  |  |  |
| 15 | Check that title of web page starts with “User Gamification Profile” | Title of web page starts with “User Gamification Profile” |  |  |  |
| 16 | Check that header of web page is “User Gamification Profile” and is in <h1> tags | Header of web page is “User Gamification Profile” and is in <h1> tags |  |  |  |
| 17 | Check that “Username:” and “Name:” are in bold | “Username:” and “Name:” are in bold |  |  |  |
| 18 | Check that the username displayed is “Test6” and name displayed is “Test 6” | The username displayed is “Test6” and name displayed is “Test 6” |  |  |  |
| 19 | Check that three images are displayed side by side with an astronaut on a moon on the left, an astronaut in space with Earth in the background in the middle, and an astronaut inside a room on the right-hand side | Three images are displayed side by side with an astronaut on a moon on the left, an astronaut in space with Earth in the background in the middle, and an astronaut inside a room on the right-hand side |  |  |  |
| 20 | Check that “Moonwalker - 0 Badges” is displayed under the image of an astronaut on a moon on the left, “Spacewalker - 0 Badges” is displayed under the image of an astronaut in space with Earth in the background in the middle, and “Astronaut - 1 Badge” is displayed under the image of an astronaut inside a room on the right-hand side | “Moonwalker - 0 Badges” is displayed under the image of an astronaut on a moon on the left, “Spacewalker - 0 Badges” is displayed under the image of an astronaut in space with Earth in the background in the middle, and “Astronaut - 1 Badge” is displayed under the image of an astronaut inside a room on the right-hand side |  |  |  |
| 21 | Check that “Spacesuit Verified - ” is displayed under the “Astronaut - 1 Badge" with today’s date displayed in the mm/dd/yyyy format | “Spacesuit Verified - ” is displayed under the “Astronaut - 1 Badge" with today’s date displayed in the mm/dd/yyyy format |  |  |  |
| 22 | Click on “Preferences” in the top right-hand side of the page | A “Preferences” <h1> tag appears on a new page |  |  |  |
| 23 | Click on the “Change or remote email address” link in the “Email options” near the bottom of the page | A “Change or remove email address” <h1> tag appears on a new page |  |  |  |
| 24 | Click on “change email” | A “Preferences” <h1> tag appears on a new page and “Email” states “Set an email address” as a hyperlink |  |  |  |
| 25 | Open the gamification\_badges table in the MediaWiki database and check that one record still exists for the user\_id value relating to the user of “Test6” | One record still exists for the user\_id value relating to the user of “Test6” |  |  |  |
| 26 | Ensure that the badge\_tag and badge\_rank values are still “gamification-badge-emailverification” and “gamification-rank-1” respectively for the record relating to the user of “Test6” | The badge\_tag and badge\_rank values are still “gamification-badge-emailverification” and “gamification-rank-1” respectively for the record relating to the user of “Test6” |  |  |  |
| 27 | Ensure that the date\_badge\_earned value is not (NULL) and is the same value as noted before | The date\_badge\_earned value is not (NULL) and is the same value as noted before |  |  |  |
| 28 | Click on “Preferences” in the top right-hand side of the page | A “Preferences” <h1> tag appears on a new page |  |  |  |
| 29 | Click on the “Set an email address” link in the “Email options” near the bottom of the page | A “Change or remove email address” <h1> tag appears on a new page |  |  |  |
| 30 | Type in the new email address of “Test7@localhost” and click on “change email” | A message in red appears on the page with the following text: A confirmation email has been sent to the specified email address. Before any other email is sent to the account, you will have to follow the instructions in the email, to confirm that the account is actually yours. |  |  |  |
| 31 | Ensure that an email was received with the subject “My Wiki email address confirmation” to Test7@localhost | Email was received with the subject “My Wiki email address confirmation” to Test7@localhost |  |  |  |
| 32 | Open the gamification\_badges table in the MediaWiki database and check that one record still exists for the user\_id value relating to the user of “Test6” | One record still exists for the user\_id value relating to the user of “Test6” |  |  |  |
| 33 | Ensure that the badge\_tag and badge\_rank values are still “gamification-badge-emailverification” and “gamification-rank-1” respectively for the record relating to the user of “Test6” | The badge\_tag and badge\_rank values are still “gamification-badge-emailverification” and “gamification-rank-1” respectively for the record relating to the user of “Test6” |  |  |  |
| 34 | Ensure that the date\_badge\_earned value is not (NULL) and is the same value as noted before | The date\_badge\_earned value is not (NULL) and is the same value as noted before |  |  |  |
| 35 | Click on the first link within the received email which contains the email confirmation link | A “Confirm email address” <h1> tag appears on a new page |  |  |  |
| 36 | Open the gamification\_badges table in the MediaWiki database and check that one record still exists for the user\_id value relating to the user of “Test6” | One record still exists for the user\_id value relating to the user of “Test6” |  |  |  |
| 37 | Ensure that the badge\_tag and badge\_rank values are still “gamification-badge-emailverification” and “gamification-rank-1” respectively for the record relating to the user of “Test6” | The badge\_tag and badge\_rank values are still “gamification-badge-emailverification” and “gamification-rank-1” respectively for the record relating to the user of “Test6” |  |  |  |
| 38 | Ensure that the date\_badge\_earned value is not (NULL) and is the same value as noted before | The date\_badge\_earned value is not (NULL) and is the same value as noted before |  |  |  |