Team assignment 5:

Test plan

1. **Form field validations.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Page Name** | **Test ID** | **Expected Values** | **Test Value** | **Pass/Fail** |
| Search | te.1 | Both fields (Song and artist) should have string inputs. Valid by Spotify API. | Song: Beat it  Artist: null | Fail |
| Search | te.2 | Both fields (Song and artist) should have string inputs. Valid by Spotify API. | Song: null  Artist: Michael Jackson | Fail |
| Search | te.3 | Both fields (Song and artist) should have string inputs. Valid by Spotify API. | Song: Beat it  Artist: Michael Jackson | Pass |
| Search | te.4 | Both fields (Song and artist) should have string inputs. Valid by Spotify API. | Song: what is wrong  Artist: Bruno Mars | Fail |
| Search | te.5 | Both fields (Song and artist) should have string inputs. Valid by Spotify API. | Song: Beat it  Artist: JJ.Lin | Fail |
| Search | te.6 | Both fields (Song and artist) should have string inputs. Valid by Spotify API. | Song: 1999  Artist: Prince | Fail |

1. **Data validation**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Table** | **Field** | **Type** | **Data Source** | **Test ID** | **Pass/Fail** |
| songs | \_id | varchar r |  | data.1 | Pass |
| songs | track | varchar w | sForm.textInput1 | data.2 | Pass |
| songs | artist | varchar w | sForm.textInput1 | data.3 | Pass |
| songs | lyrics | varchar r | data type | data.4 | Pass |

1. **UI validation**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Page Name** | **UI Element** | **Expected Function** | **Test ID** | **Pass/Fail** |
| Login | Login via Spotify | authenticate by Spotify API to login | te.1 | Pass |
| Search | Pick random song | retrieve a song from database and input in search | te.2 | Pass |
| Search | Hint | making calls to Spotify API and enabling to play the song | te.3 | Pass |
| Search | Easy | hide one random line | te.4 | Pass |
| Search | Medium | hide two random lines | te.5 | Pass |
| Search | Hard | hide three random lines | te.6 | Pass |
| Search Result | Check! | compare whether the input line match the lyrics | te.7 | Pass |
| Check Result | Play Again | refresh the page | te.8 | Pass |
| Search | Logout | logout from Spotify | te.9 | Pass |

1. **Remediation**

**BugID**: 1

**Description**: Storing the invalid Songs’/Artists’ names into the database.

**Severity(1 to 3):** **3**

**Assigned:** Tallulah Kay

**Completed Date:** 12/07/2018

**BugID**: 3

**Description**: Only storing one field from the two to the database if the user only input one field.

**Severity(1 to 3): 2**

**Assigned:** Tallulah Kay

**Completed Date:** 12/07/2018

**BugID**: 7

**Description**: Minor typos in songs could lead to duplication in the database.

**Severity(1 to 3): 1**

**Assigned:** Eric Jacobson.

**Completed Date:** 12/01/2018

**BugID**: 13

**Description**: Switching difficulty mid-game makes the check button disappear.

**Severity(1 to 3): 3**

**Assigned:** Eric Jacobson

**Completed Date:** 11/27/2018

**BugID**: 17

**Description**: Not entering artist + switching difficulty was leading to weird Russian text replacing lyrics.

**Severity(1 to 3): 2**

**Assigned:** Eric Jacobson

**Completed Date:** 11/27/2018

**BugID**: 21

**Description**: Styling of the web page is a bit confusing to the new users.

**Severity(1 to 3): 2**

**Assigned:** Lauren Ball

**Completed Date:** 11/27/2018