|  |
| --- |
| Close-up image showing the leaf-sides of two oversized books side-by-side on a bookshelf, with additional books in soft focus background |
| **Test Cases**  According to Design Requirements of the Test Automation Plan |
| |  |  |  | | --- | --- | --- | | Weigand, Tibor | 5/26/24 | C# exercise | |

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## **Test Case 1: Validate Status Code**

Documentation

* **Test Case ID**: TC1
* **Requirement Mark**: TC1-R1
* **Objective:** Ensure that the API returns a status code of 200.
* **Preconditions**: None
* **Test Steps:**
  1. Send a GET request to https://api.genderize.io/?name=tibor.
  2. Verify that the response status code is 200.
* **Expected Result:** The response status code should be 200.
* **Test Data**: Have been obtained from the API owner.
* **Priority**: High

## **2. Test Case 2: Validate Response Structure**

Documentation

* **Test Case ID**: TC2
* **Requirement Mark**: TC2-R1, TC2-R2, TC2-R3, TC2-R4
* **Objective**: Validate the structure of the response.
* **Preconditions**: None
* **Test Steps**:
  1. Send a GET request to https://api.genderize.io/?name=tibor.
  2. Verify that the response contains a name field with value "tibor", a gender field with value of gender prediction, a probability field with value of certainty, and a “count” field with value of random integer.
* **Expected Result**:
  1. The response should contain a name field with value "tibor".
  2. The response should contain a gender field with value of prediction
  3. The response should contain a probability field with value of certainty
  4. The response should contain a count field with value of random integer.
* **Test Data**: None
* **Priority**: High

## **Summary**

The above test cases ensure that the Genderize.io API is functioning correctly by validating the response status code and the structure of the returned data.

## **Test Execution Results**

