

Test Case Document

Title: Test Case for Data Limit Bug

ID: TC-002

Objective: To verify that the application correctly handles input data that exceeds the specified limit and provides appropriate error messages.

Preconditions:

- The application is accessible at <http://qainterview.pythonanywhere.com>.
- The user has a valid browser and internet connection.

Test Data:

- Input Value: An integer value Of 1000.

Steps to Execute:

1. Open the browser and navigate to <http://qainterview.pythonanywhere.com>.
2. Locate the input field with the id #number.
3. Enter an integer of 1000 into the input field.
4. Click the "Calculate!" button with the id #getFactorial.
5. Observe the behavior of the application and any error messages displayed.

Expected Result:

- The application should display an appropriate error message indicating that the input exceeds the allowed limit.
- The input field should be highlighted (e.g., with a red border) to indicate an error.
- No calculation should be performed, and no result should be displayed.

Actual Result: (To be filled after test execution)

>after execution : POST <https://qainterview.pythonanywhere.com/factorial> 500 (INTERNAL SERVER ERROR)

Screenshots:

- Step 1: Home Page - !Step1_HomePage.png
- Step 2: Input Data - !Step2_Input_Data.png
- Step 3: Error Message - !Step3_Error_Message.png

Postconditions:

- The application should return to its initial state, ready for new input.

Severity: Major

Priority: High

Notes:

- Ensure that the input data is exactly 1000 characters long.
- Verify that the error message is clear and user-friendly.

Status: Open

Assigned To: BitCube