**Test Case**

**Title**: Validate factorial calculation with negative number input

**ID**: TC-001

**Description**: This test case verifies that the factorial calculator application correctly handles negative number inputs by displaying an appropriate error message.

**Preconditions**:

1. The Flask Factorial Calculator application is running at http://localhost:6464/factorial.
2. A web browser (e.g., Google Chrome) is installed and configured for testing.

**Test Steps**:

1. **Navigate to Application**:
   * Open the web browser.
   * Navigate to http://localhost:6464/factorial.
2. **Enter Negative Number**:
   * Locate the input field with the placeholder "Enter an integer".
   * Enter the value -5.
3. **Submit Form**:
   * Locate and click the "Calculate" button to submit the form.
4. **Verify Result**:
   * Observe the result displayed on the page.
   * Verify that the application displays an error message such as "Error: Factorial of a negative number is undefined".

**Test Data**:

* Input: -5

**Expected Result**: The application should display an error message: "Error: Factorial of a negative number is undefined".

**Actual Result**: To be filled after execution.

**Status**: To be filled after execution.

**Notes**:

* Ensure the application does not crash or hang upon entering a negative number.
* The error message should be clear and inform the user that factorials of negative numbers are undefined.