Number to Words Converter: Test Plan

Testing approach for the Number to Words Converter application.

Objectives

Verify that the words precisely correspond with the numbers to ensure that the number to word conversion is accurate. Check to see whether the user interface is intuitive to use and responds well. Verify that error messages appear as intended and that the validation functions as planned. Additionally, make sure there are no problems when using it with different web browsers.

Test Scenarios

Scenario 1: Valid Number Input

Test Procedure: Enter a valid number and click "Convert".

Outcome: The number should be converted to words accurately and displayed in the output textarea.

Scenario 2: Input of Negative Numbers

Test Procedure: Click "Convert" after entering a negative number.

Outcome: Words with the proper "MINUS" prefix should be created from the negative number.

Scenario 3: Decimal Number Input

Test Procedure: Enter a decimal number and click "Convert".

Outcome: Both the integer and decimal parts should be converted to words correctly.

Scenario 4: Input Validation

Test Procedure: Attempt to submit the form with invalid inputs (e.g., non-numeric characters, empty input).

Outcome: validation alert should be displayed, preventing submission of invalid data.

Test Execution

Perform manual testing for each test scenario outlined above.