Test Case 1 – Basic Functionality (top as these make up the MVP if you like).

* Button can be clicked.
* Text can box can take text.
* Button click produces an event.
* A date can be entered.
* A given date produces a given age.

Test Case 2 – Processing & Validation

* User can only enter a dd/mm/yyyy format date.
* Results are returned in Y, YY, YYY, YYYY format (checking how old a historical figure would be now for example).
* Invalid date strings are handled gracefully, including dd/mm/yy.
* Leap years days are rejected gracefully.
* Invalid dates are rejected gracefully.
* Ensure the dates in the future are rejected.
* Ensure the lowest possible date is correctly handled.

Test Case 3 – Non Functional

* Results are returned within [T] time after click.
* Load testing to ensure [X] number of requests can be handled correctly.

Test Case 4 – Security

* Ensure no SQL injection can take place on the text box.
* Ensure spamming the calculate button is handled gracefully without issue.
* Fuzz inputs to the text input.

Test Case 1 - Spelling and Grammar (bottom as the easiest to fix so lowest risk).

* All spelling is correct.
* All grammar is correct.
* Words correctly describe the purpose of the application.