For INPUTS I would test the following scenarios depending on the input type, as follows:

1. Strings:

* A very long string
* Only one character
* A blank or a null string
* A string containing whitespaces only
* The standard ANSI/ASCII characters (values 0 to 127)
* The extended ASCII characters (values 128 to 255)
* Unicode characters
* New lines in a string intended as single-line

1. Paths/Files:

* The length of the path/file name should not be greater than 260 characters
* The parent path should begin with “..\”
* The current path should begin with “.\”
* Depending on the OS, the path can contain “/” or “\”
* A file name is separated from it’s extension using “.” (period) character
* For Windows OS the path should begin with the drive letter (e.g. C:\)
* A path or a file name can contain any character, including Unicode chars and the extended ASCII characters, except for the following:
  + - < (less than) and > (greater than)
    - : (colon)
    - " (double quote)
    - / (forward slash) and \ (backslash)
    - | (vertical bar or pipe)
    - ? (question mark)
    - \* (asterisk)

1. Time and Date:

* Test different formats used for time and date;
* Depending on the used format, test the order of the fields for time and date
* Delimiters used for the formats ( :, /, - etc) can also be tested
* The values used for the time and date should be integer values or string (in cases of Month) and can be in the following ranges:
  + - * Month (integer between 1 – 12 or a string)
      * Day (integer between 1-31 or 1-30, or depending on the year can check for February if it’s 1-28 or 1-29 – leap year)
      * Year (for the format of 4 characters: value > 1990; for the format of 2 characters: value should start from 00)
      * Hours: values between 00-23 or 00-12 ( in this case test also if it’s AM or PM)
      * Minutes and Seconds: values between 00-59.