

Test Design Document

Vedant Mehta, Tenzin Norden

02/09/2020

Test Case #	Purpose of the test case	Input Data	Expected output
1	This will be used to test our base case of the current date. We will do this by both creating a Date method without any parameters (new Date()) and also one with the current date as a string (new Date("02/09/2021"))	Case 1: new Date() Case 2: New Date("02/09/2021")	True for both cases
2	This test will be used to test the leap year data.	Case 1: "02/29/2016" "02/29/2012" "02/29/2008" Case 2: "02/29/2009" "02/29/2014" "02/29/1804"	Case 1: True True True Case 2: False False False
3	This test will be used to test if the date is after the current date	"02/09/2022" "02/10/2021" "03/09/2021" "01/01/2022"	False for all cases
4	This will test if the date is correctly formatted including if the date has dashes instead of slashes, if the date includes characters, if the date is empty, if the date is missing information (day,month or year).	Case 1: "01-12-2021" "1/1/2021" Case 2: "1/A1/20v2" "A/01/2021" "C /02/2021" Case 3: "1 1/2020" " " "2002/04/02" "1 1 2020"	Case 1: False True Case 2: False False False Case 3: False False False False
5	Test for impossible date values such as 0 or negative numbers	"00/01/0200" "1/0/2020" "1/01/0" "-1/1/2020"	False for all cases
6	Test known valid dates to insure we have not missed any simple bugs.	"02/08/2021" "05/16/1999" "01/01/2018" "02/29/2020"	True for all cases