

TestID	Checked module	Checked case	Expected results	Pass/Fail
Test0	User input	Invalid url- 'http://localhost:3000/api/fs'	Not Found	Pass
Test1	User input /api/surprise	No name provided- '../api/surprise?birth_year=1980'	Error 400, ' no name field provided '	Pass
Test2	User input /api/surprise	No birth_year provided- '../api/surprise?name=OmriRosner'	Error 400, ' no birth_year field provided '	Pass
Test3	User input /api/surprise	No birth_year and name provided- '../api/surprise? '	Error 400, ' no birth_year field provided " no name field provided '	Pass
Test4	User input /api/surprise	No alphabetic name provided- 'api/surprise?name=R5n%20Gng&birth_year=1980'	Error 400, ' name must contain only alphabets'	Pass
Test5	User input /api/surprise	No numeric birth_year provided- 'api/surprise?name=Rjn%20Gng&birth_year=198!0'	Error 400, 'birth_year must contain only digits'	Pass
Test6	User input /api/surprise	Invalid birth_year range provided- 'api/surprise?name=Rjn%20Gng&birth_year=19850'	Error 400, 'birth year must be in range 1900-2020'	Pass
Test7	User input /api/surprise	Combination of birth_year error and name error- 'api/surprise?name=Rj!n%20Gng&birth_year=19850'	Error 400, Both relevant messages	Pass
Test8	User input /api/surprise	Valid input, name start with 'Q' and birth_year is 2000 and before	Chuck Norris Joke	Pass
Test9	User input /api/surprise	Valid input, name start with 'Q' and birth_year is after 2000	Kanye West Quote	Pass
Test10	User input /api/surprise	Valid input, name start with 'A' or 'Z' and birth_year is 2000 and	Chuck Norris Joke OR User Name's Sum	Pass
Test11	User input /api/surprise	Valid input, name start with 'A' or 'Z' and birth_year is after 2000	User Name's Sum	Pass
Test12	User input /api/surprise	Valid input, name doesn't start with 'A' or 'Z' or 'Q' and birth_year	Chuck Norris Joke Or User Name's Sum	Pass
Test13	User input /api/surprise	Valid input, name doesn't start with 'A' or 'Z' or 'Q' and birth_year	User Name's Sum, Kanye West Quote	Pass
Test14	User input /api/surprise	Valid input, name doesn't start with 'Q' and 404 returned by the	User Name's Sum	Pass
Test15	User input /api/surprise	Valid input, name starts with 'Q' and 404 returned by the available	Error 404, 'No surprise for you! '	Pass
Test16	User input /api/surprise	Valid input, name starts with 'Q' and no internet connection	Error 404, 'No surprise for you! '	Pass
Test17	User input /api/stats	There are no previous successful calls to the /surprise route	{"requests": 0, "distributions":[]}	Pass
Test18	User input /api/stats	After successful User Name's Sum	"requests" +1 "Name-sum"+1	Pass
Test19	User input /api/stats	After successful Kanye West Quote	"requests" +1 "kanye-quote"+1	Pass
Test20	User input /api/stats	After successful Chuck Norris Joke	"requests" +1 "chuck-norris-joke"+1	Pass
Test21	User input /api/stats	After 'No surprise' (404 Error)	Stats as previous	Pass
Test22	User input /api/stats	After 400 Error	Stats as previous	Pass
Test23	User input /api/stats	After reactivate the api	{"requests": 0, "distributions":[]}	Pass

**\* each test was checked 5 times > total of 115 tests passed successfully**