

Budget Class

Identifying input values for use case-based testing

Input Element	Type	Value Specs	Valid	Invalid	Exceptional Cases
budgetLimit	float	Must be from 1 to 999,999,999	Amount satisfies the value specs	Amount does not satisfy the value specs	0, negative amount or a very large number, decimal numbers, <blank>
name	string	Must be a string of max char length of 50	Description satisfies the value specs	Description does not satisfy the value specs	<blank>
category/tag	string	Must be unique for each budget	Tag satisfies value specs	Tag does not satisfy value specs	<blank>

Test case generation for use case-based testing

Test Case	budgetLimit	name	category/tag	Expected Outcome
1	Valid	Valid	Valid	Shows success message
2	Invalid	Valid	Valid	Shows error message
3	Valid	Invalid	Valid	Shows error message
4	Valid	Valid	Invalid	Shows error message
5	Valid	Invalid	Invalid	
6	Invalid	Valid	Invalid	
7	Invalid	Invalid	Valid	
8	Invalid	Invalid	Invalid	
9	Exceptional	Valid	Valid	Shows error message
10	Exceptional	Invalid	Valid	
11	Exceptional	Valid	Invalid	

