

Inspection Defect List

Project: Library Set Operations

Phase: 1

Component: N/A

Meeting Date: 2/17/23

Version: 1.0

Insp. Num.: N/A

Inspector Name: Moti Begna

Prep. Time: 40min

#	Location	Defect Description	Type	Class	Severity	Rework Time
1	REQ 3.4	The requirement doesn't specify whether or not a set can contain a combination of data types, or if they have to strictly be of one kind.	Clarity	U	MO	10 min
2	REQ 3.7	This requirement should detail the deletion of an element from a list, but instead describes the addition of an element to a set. This makes it a duplicate of REQ 3.6	Completeness	W	MA	5 min
3	REQ 3.11	The requirement states that the output of the operation should be "NOT S", but doesn't identify what that set would be called, nor does it identify they type that is returned (e.g. Set C (Not S))	Completeness	M	MI	1 min
4	REQ 3.13	In order for this requirement to detail the symmetric difference operation, then output for this requirement should be "S XOR T" not "S OR T" (which is a union)	Completeness	W	MA	1 min
5	REQ 3.15	This requirement doesn't clearly define exactly what the output to the overlap operation should be. A list of new sets for all 7 sections? A map?	Clarity	M	MI	3 min
6	N.A.	There is no requirement detailing the use of the relative compliment operation (S-T)	Completeness	M	MA	10 min
7	REQ 3.8	The requirement doesn't specify in what order the sets should be inputted in order to determine which set should be checked to be a subset	Completeness	W	MO	3 min
8	REQ 3.13	The requirement doesn't specify in what order the sets should be inputted in order to determine which set should be subtracted from which	Completeness	W	MO	3 min
9	REQ 3.14	There isn't enough detail in the functional requirement section, it only states that there should be an operation to C	Completeness	W	MO	5 min