## Critique of specifications for topological sort

Team B: Julian, Andreas, Pieter, Gerben Slot 3



## Team A

There is no specification for topSort with regard to input/output relation.

The type of the output needs brackets to be correct.

The idea of the example is good, but in this case it didn't help to clarify the specification.

## Team C

It's missing comments in natural language to understand what you are trying to achieve.

The specification does not work for sequences that contain duplicate elements, because the partial order is specified on elements instead of the entire sequence.

It is not clear if the input can be a sequence, it leaves room for discussion.

## Team D

The constraint that the graph is finite is overspecified.

Should specify that  $E^+$  is the transitive closure of E.

The specification is a test to verify that the result is a topological sort, because it's stated as an implication.