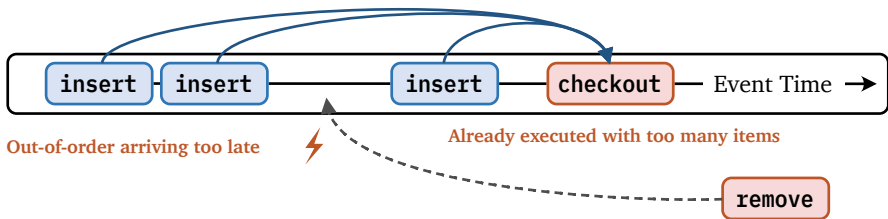


### a) Causally related operations in event sourcing



### b) Causally related events not allowed to be inserted out-of-order