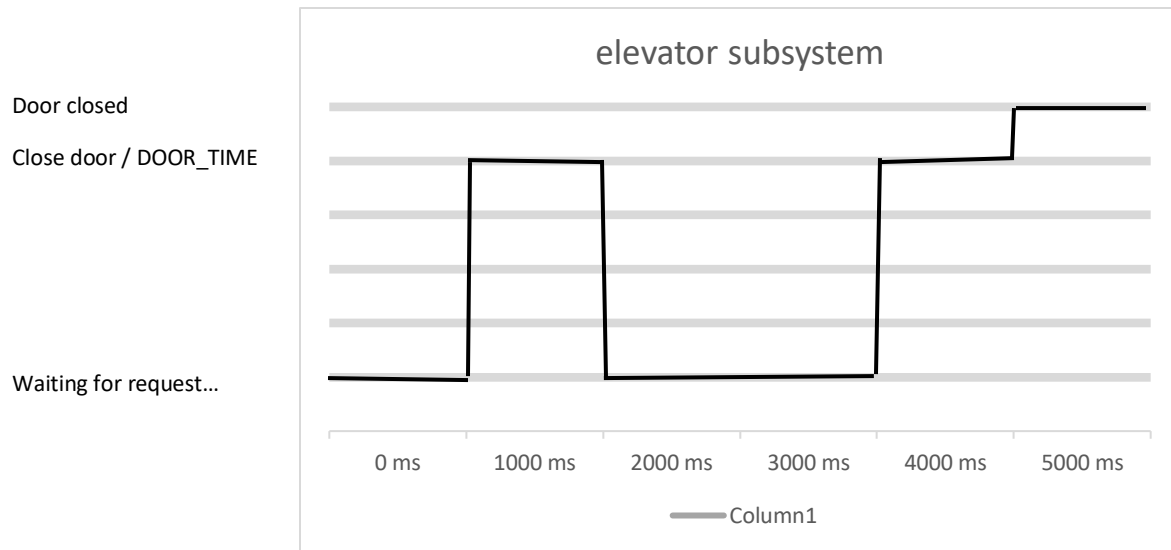


TIMING DIAGRAM

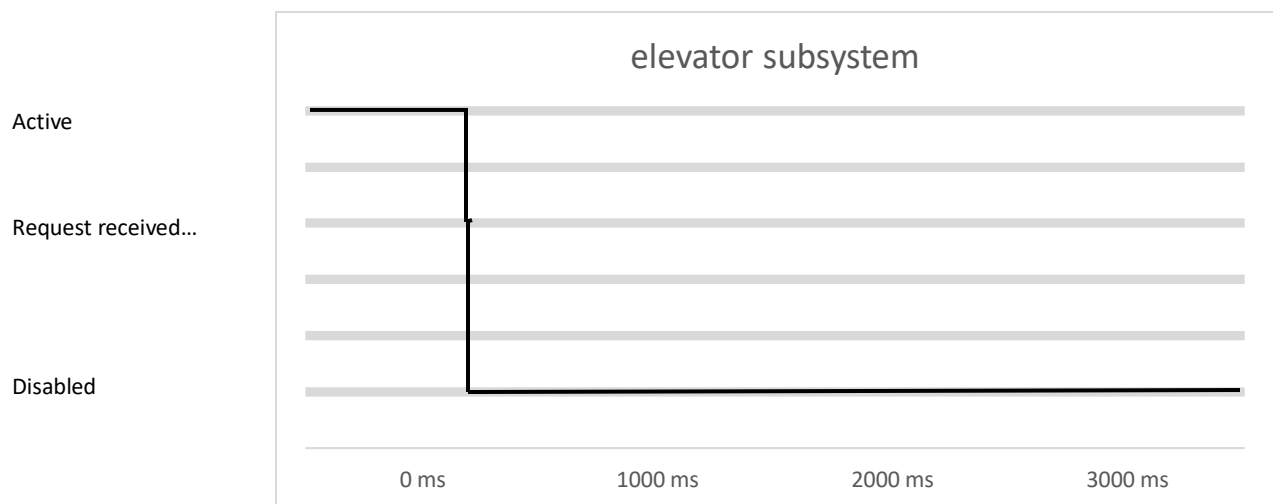
There are 2 main errors involved with in the system: *Door error* and a *floor error*.

- Door error



The elevator tries to close door and checks if there is a door fault, if so wait 2 seconds, then try to close door again.

- Floor error



The system checks if there is a fault error and disable the elevator if so.