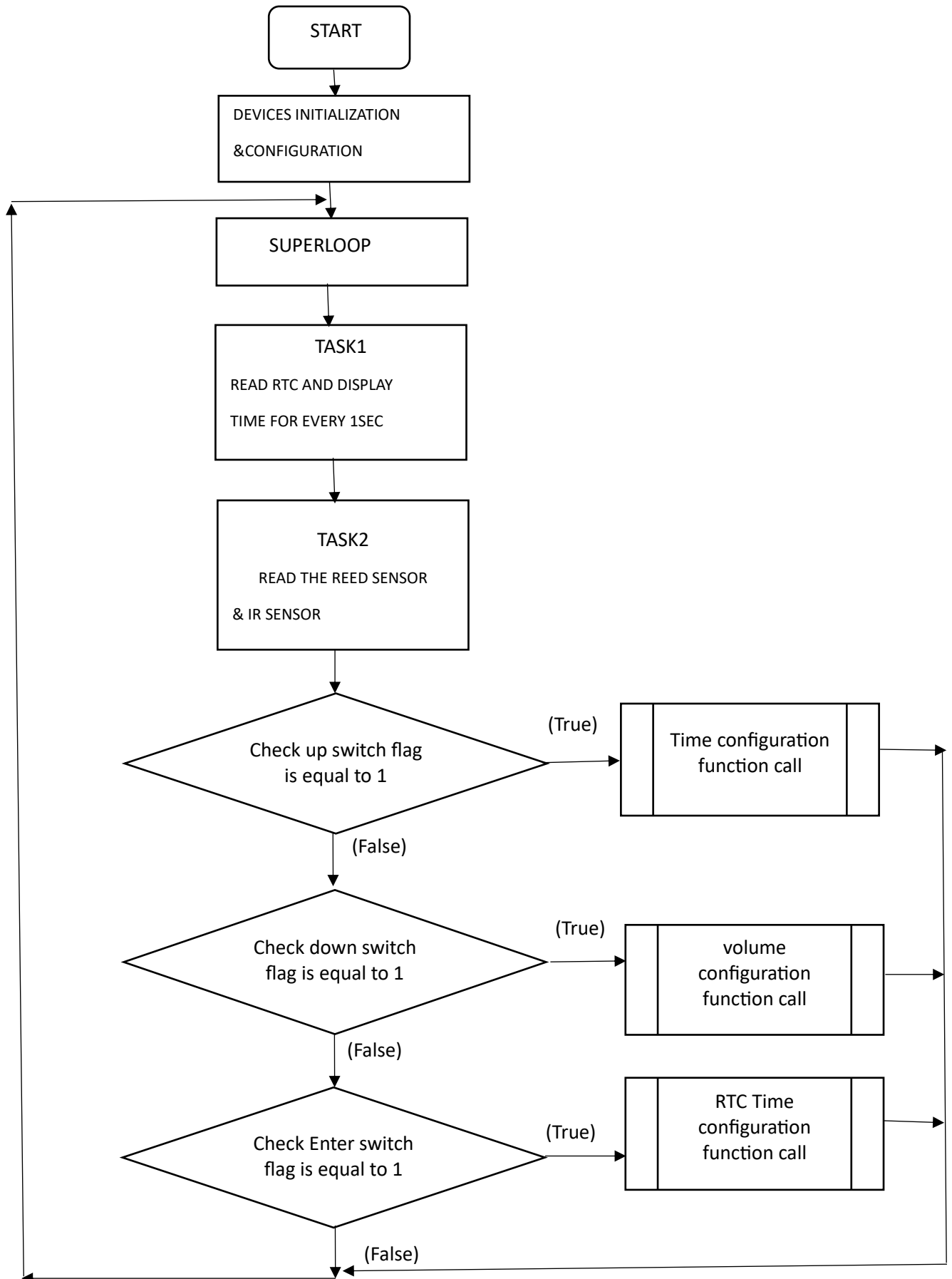
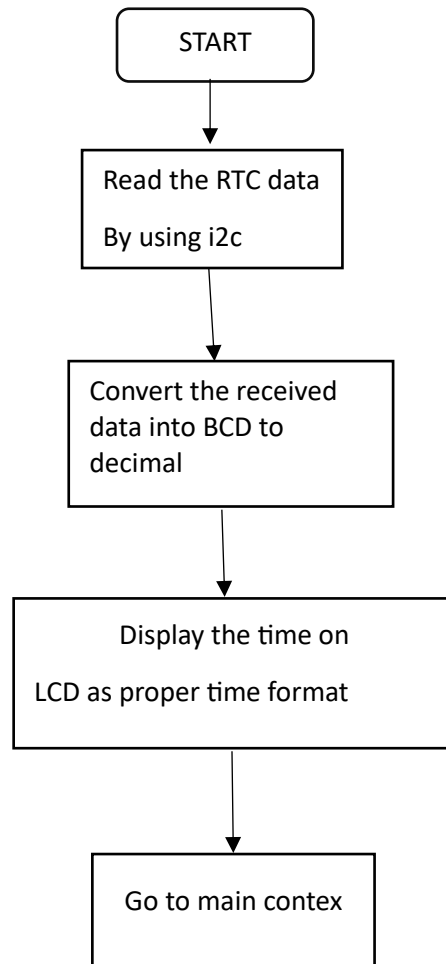


Gate monitoring system V 1.0 :

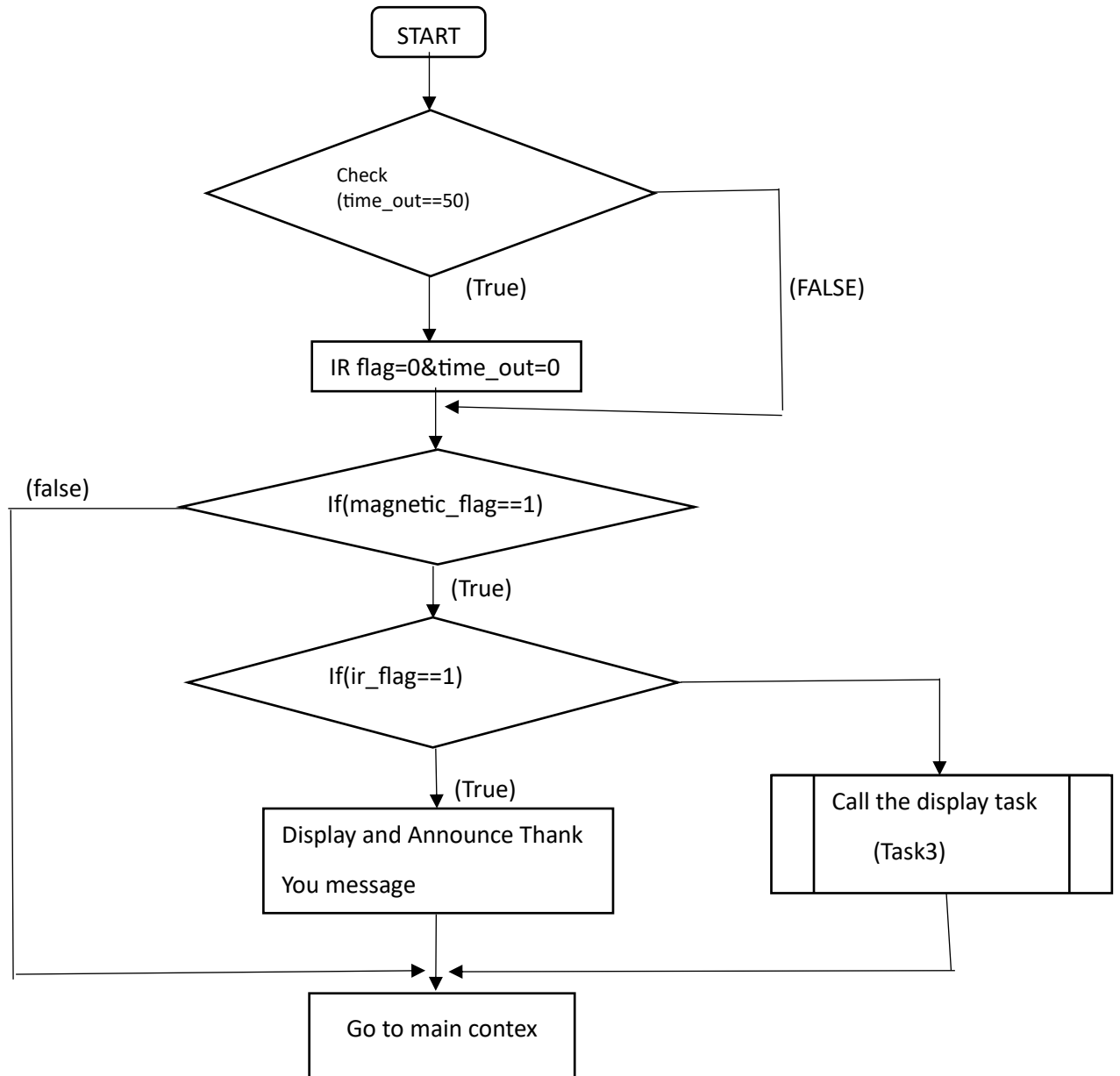
Flow chart:



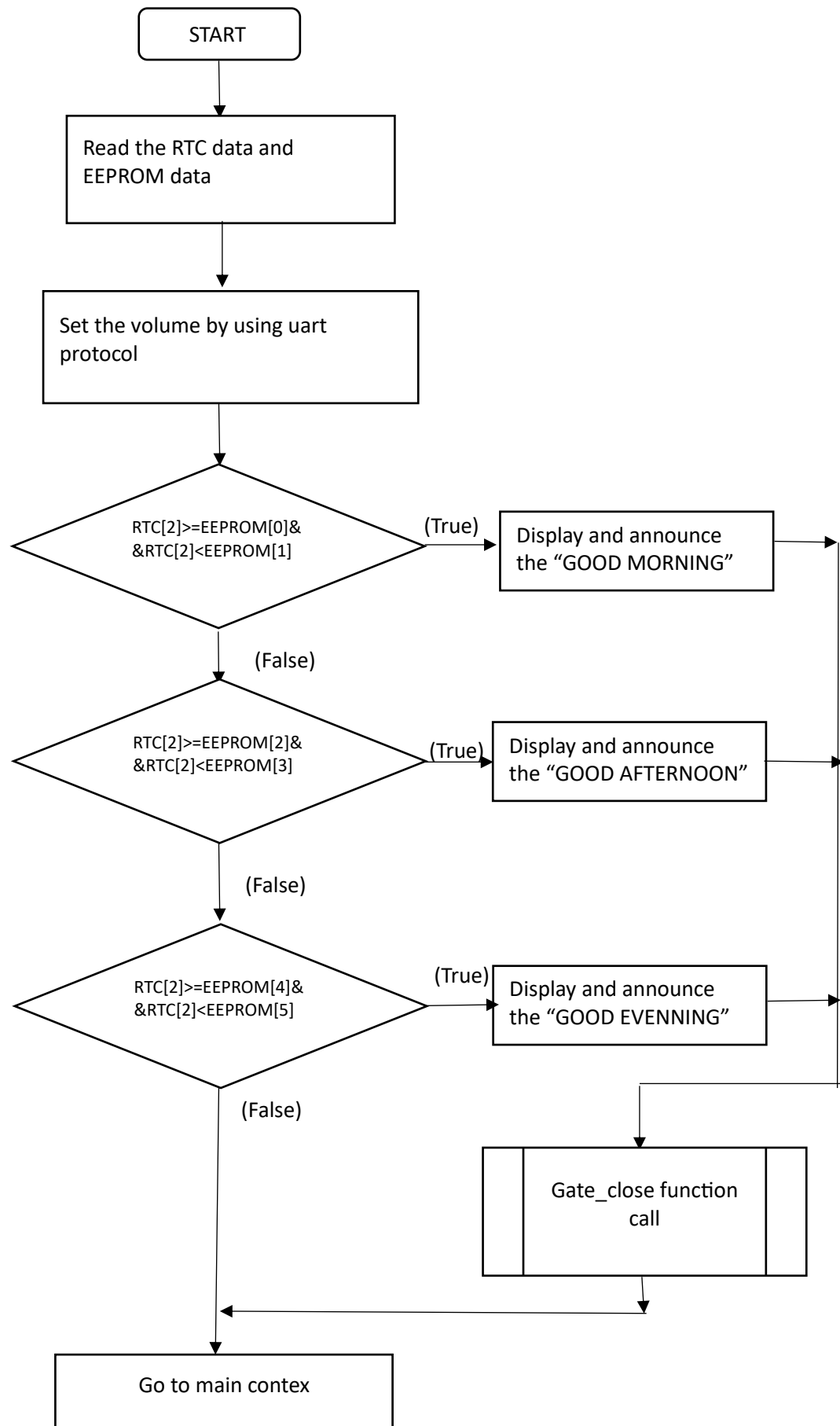
TASK1: FLOW CHART



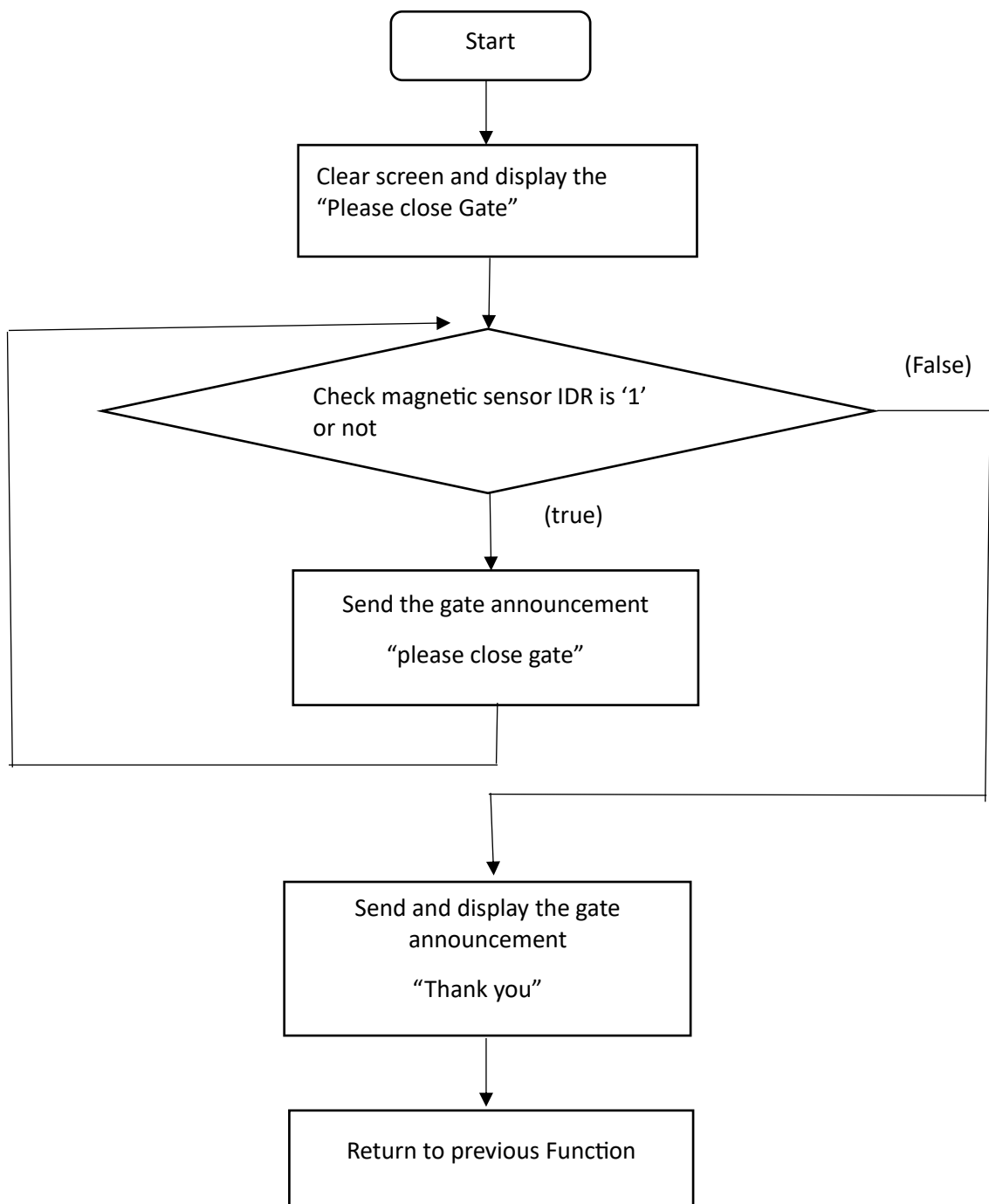
TASK2:FLOWCHART



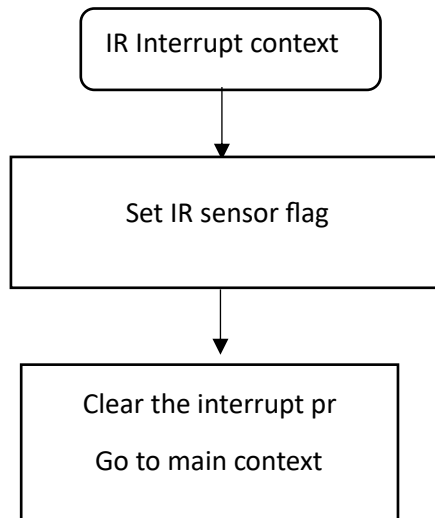
TASK3: Flowchart



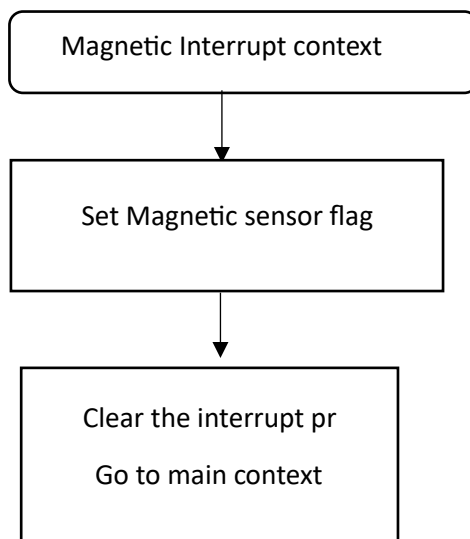
Gate_close :FLOW CHART



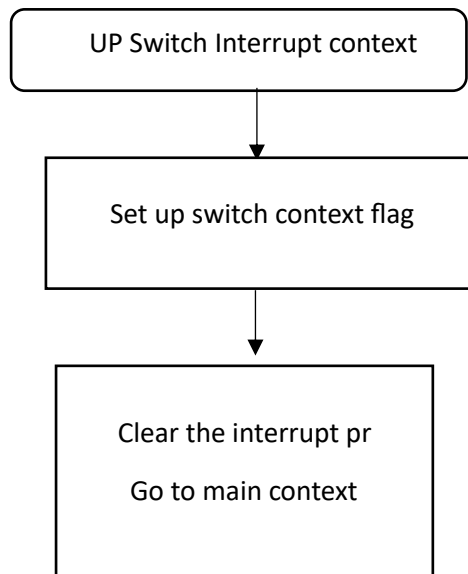
IR sensor interrupt:



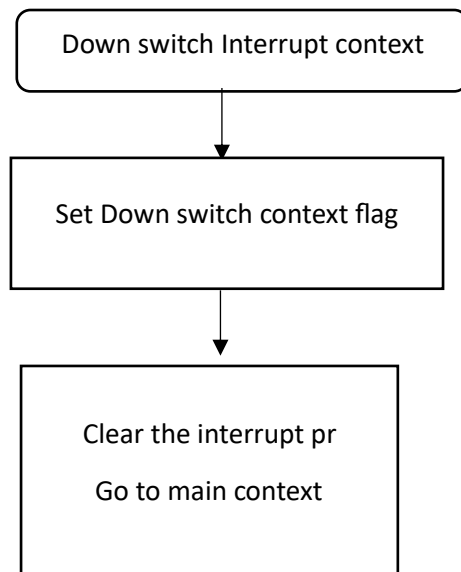
Magnetic sensor interrupt:



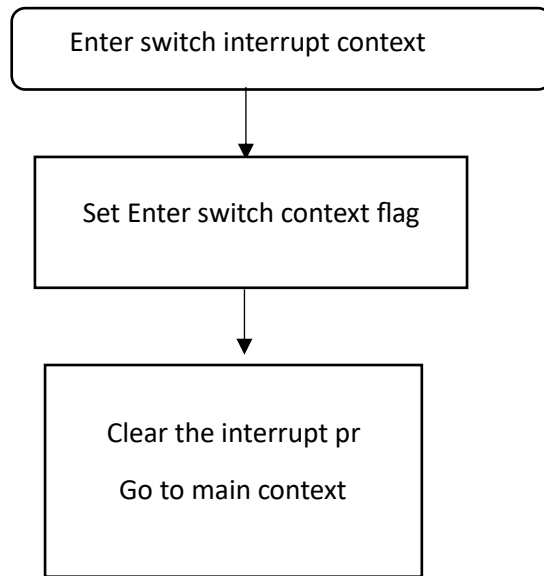
UP Switch interrupt:



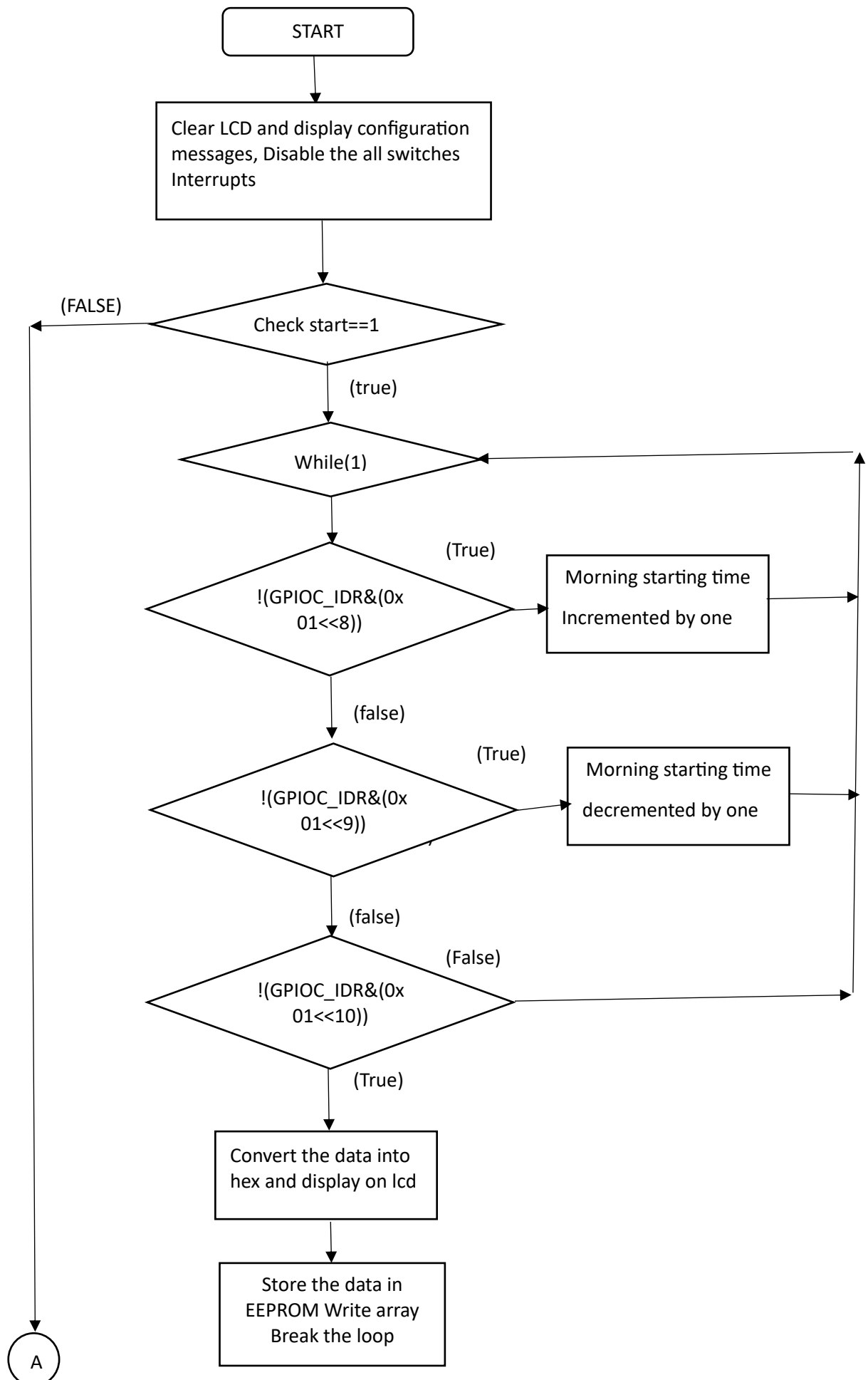
Down switch interrupt:

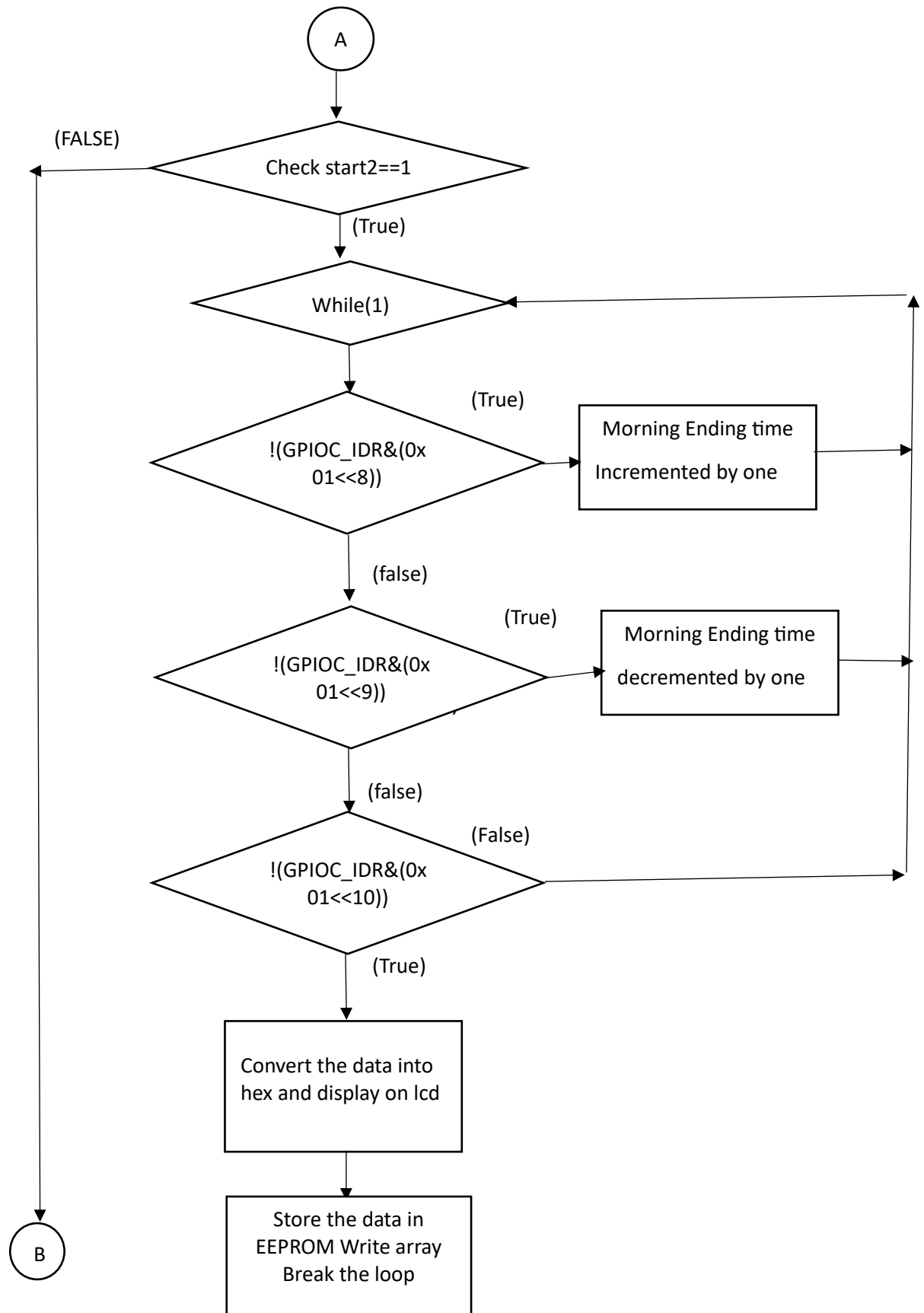


Enter switch interrupt:



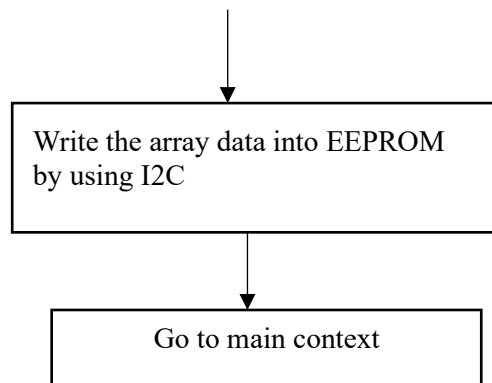
Time_config: flow chart





Note1: Similarly same flow will be applicable for afternoon and evening after that

Note 2:RTC also follws the same flow chart



Flow chart: Volume configuration

