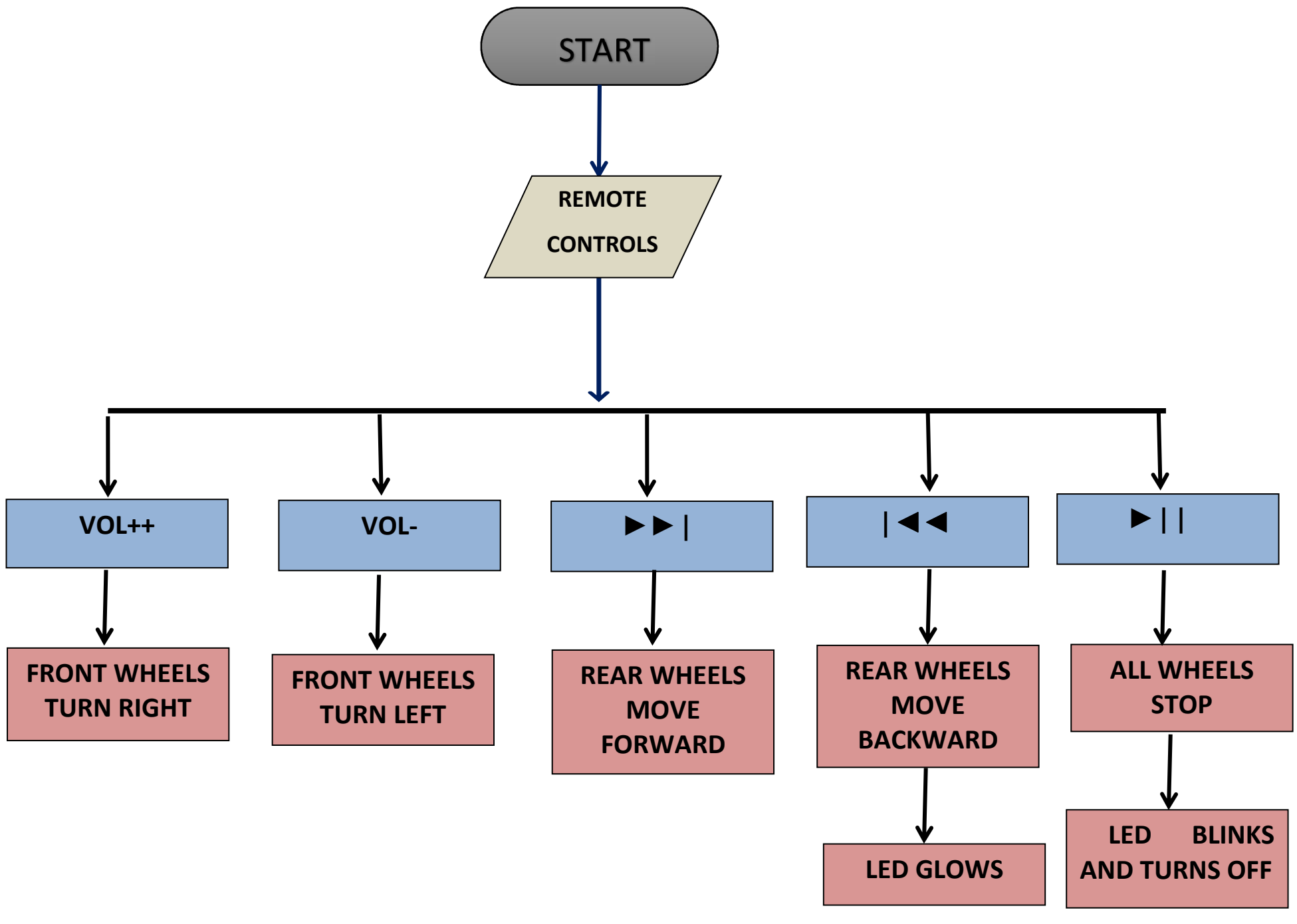
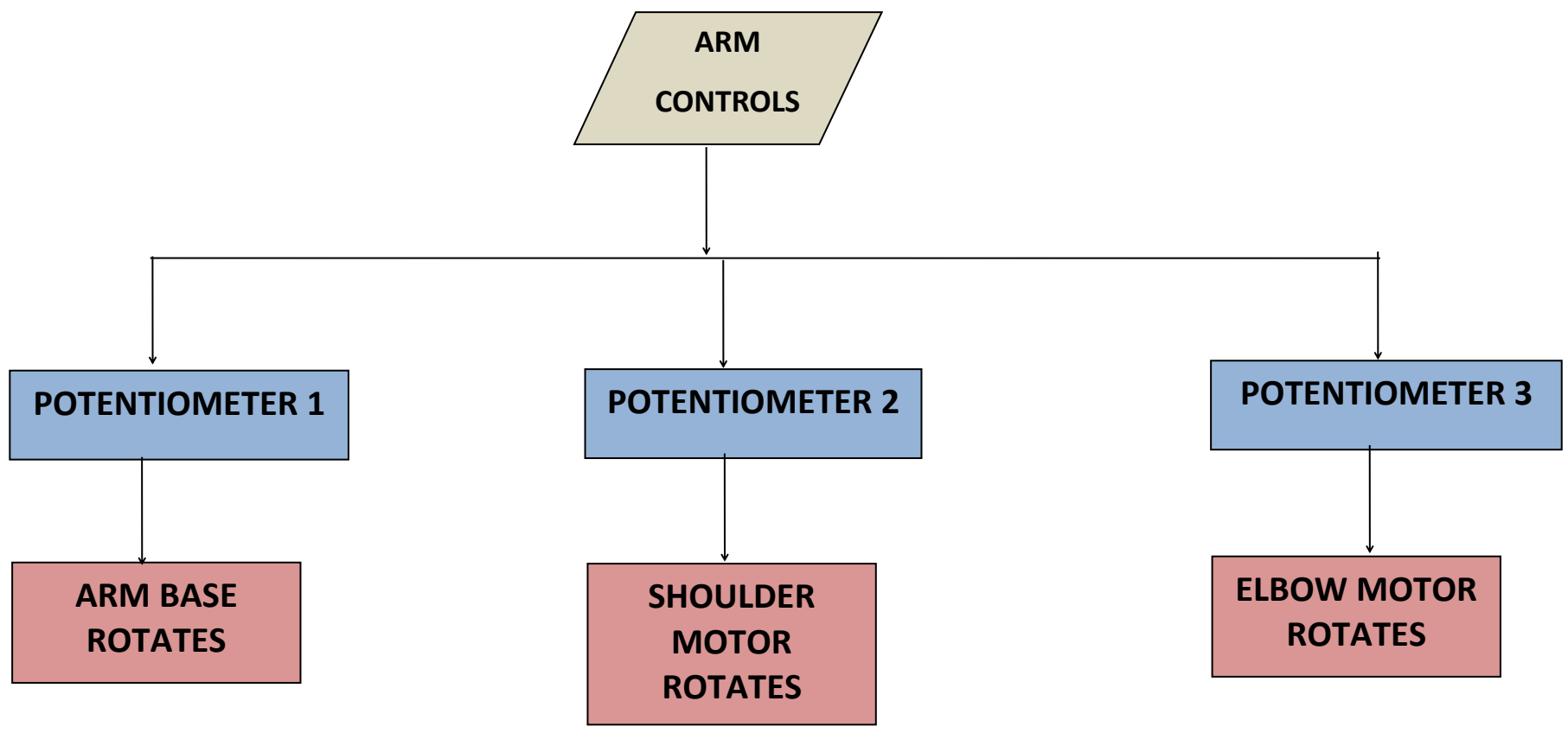
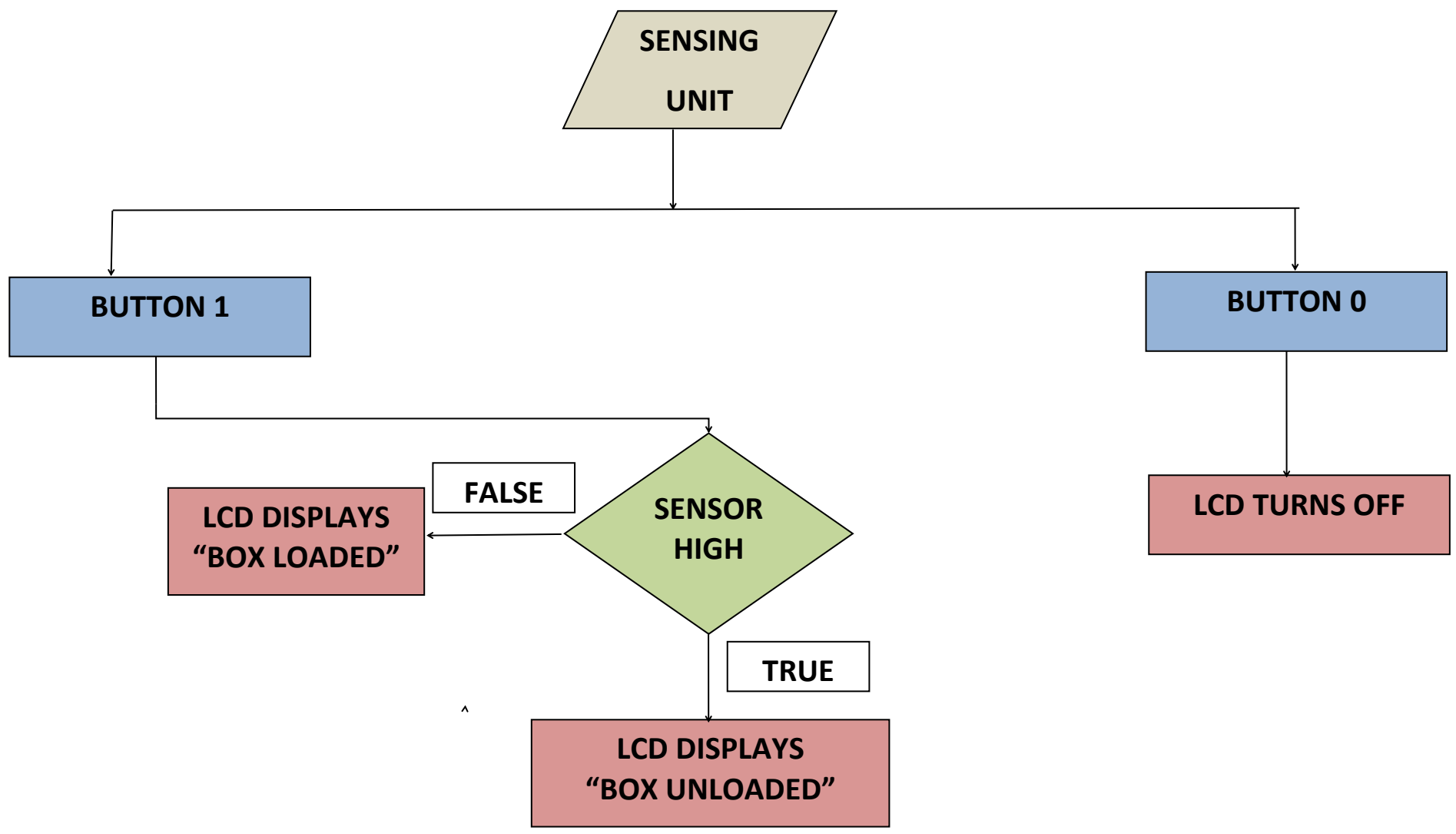
FLOW CHART


START
REMOTE CONTROLS
VOL++
VOL-
►►|
|◄◄
►||
FRONT WHEELS TURN RIGHT
FRONT WHEELS TURN LEFT
REAR WHEELS MOVE FORWARD
REAR WHEELS MOVE BACKWARD
ALL WHEELS STOP
LED GLOWS
LED BLINKS AND TURNS OFF


ARM CONTROLS
POTENTIOMETER 1
POTENTIOMETER 2
POTENTIOMETER 3
ARM BASE ROTATES
SHOULDER MOTOR ROTATES
ELBOW MOTOR ROTATES


SENSING UNIT
BUTTON 1
BUTTON 0
LCD TURNS OFF
SENSOR HIGH
FALSE
LCD DISPLAYS "BOX LOADED"
TRUE
LCD DISPLAYS "BOX UNLOADED"