Push reset button turns off LED and solenoid

DLS Flowchart

User inputs the new password

“Change Password” Displayed on the LCD Screen

Press “#” key

System restarts

User has 2 options

GREEN LED turns on Buzzer 1 beeps for 2 seconds

Solenoid turns on or “door unlocks”

“Access Granted” Displayed on the LCD Screen

BLUE LED turns on Buzzers go off

After 10 seconds

“Access denied” Displayed on the LCD Screen

Right Password

Wrong Password

User doesn’t want to input password

User inputs password

LCD Screen Displays message to direct the user to input password