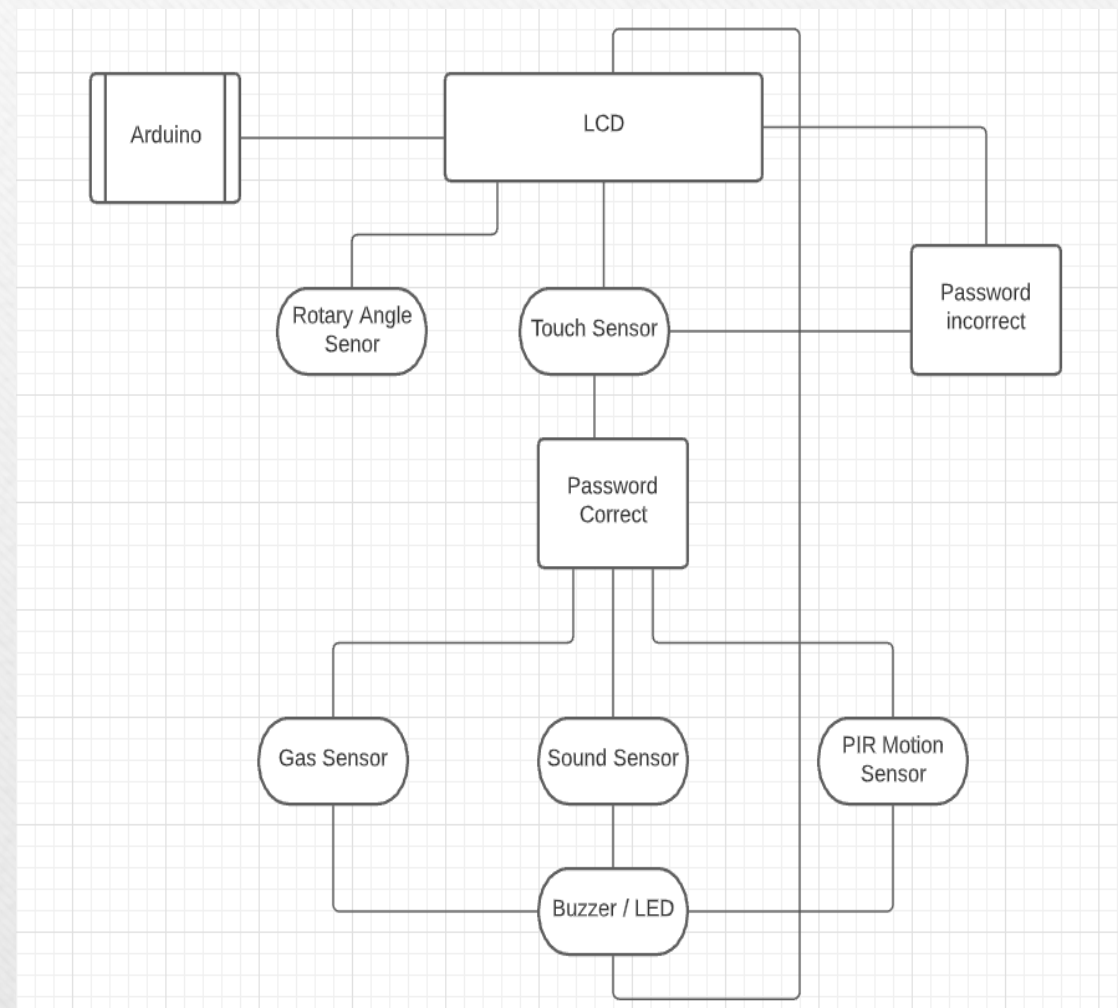


Burglar Alarm

Mohammad Ahmad
 G00321094

SUMMARY

- **Burglar alarm** is a smart security alarm. It detects burglars entering the building and it also detects gas in case of fire. A Person is detected by the PIR motion sensor and the Sound sensor. Gas is detected by a Gas sensor. When it detects either one of them, the LED turns on, buzzer goes on and it displays burglar on the lcd in case of a person detected or gas if gas detected.
- For a person to be detected they have to be in range of the pir motion sensor to detect or they have to make a enough sound to be detected. For gas to be detected there has to be a amount of gas that could cause fire to be detected by the gas sensor.



Components

- Arduino
- Gas Sensor
- PIR Motion Sensor
- Touch Sensor
- Rotary Angle Sensor
- Buzzer
- LED
- LCD

Language

- C++