

Project Proposal for 4th Semester

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Department : ETE

Session: 2nd Year, Even Semester

Project Name : Android Based Home Automation and Security System

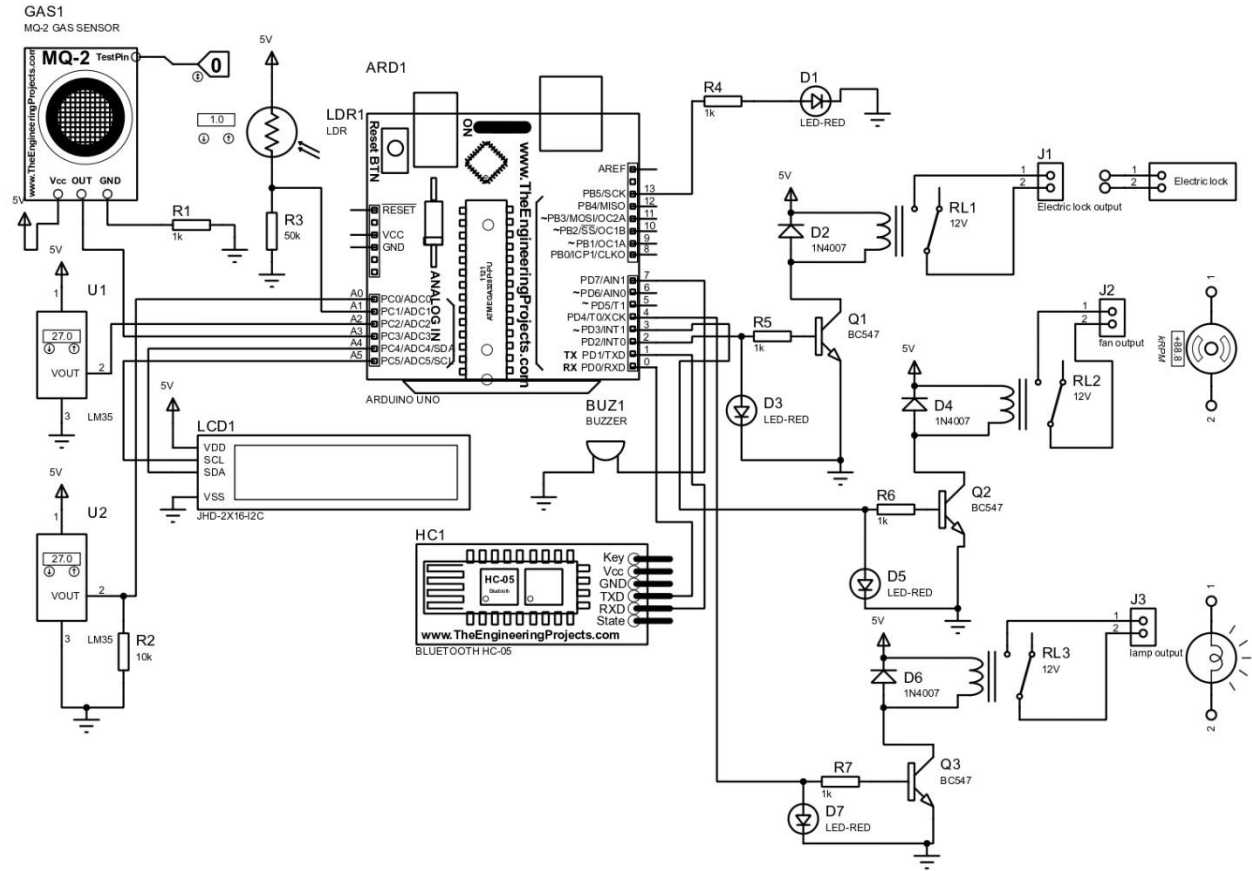
Objectives:

1. Light ,Fan and Door lock control by android app using Bluetooth
2. Room Temperature and light density measuring and get value in app
3. Automated Fire alarm system and get message in app

Components:

1. Arduino Uno
2. 5V relay (x3)
3. Bluetooth Module(HC-05)
4. BC547
5. LM35 (x2)
6. Gas Sensor
7. LDR
8. Resistors(50k,1k,10k)
9. 1n4007
- 10.LED(x2)
- 11.16x2 LCD Display
- 12.I2C Module
- 13.Buzzer
- 14.Electric Lock(12V)
- 15.Fan
- 16.Lamp

Circuit:



App Display:

