

CSE260: Digital Logic Design

Lab Final Project Proposal

Section: 14

Group: 5

Group Members:

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Project Title:
Emergency Alarm System

Description:

Emergency alarm system featuring Fire alarm, IR based obstacle detection and switch input activation. This system is mostly intended for commercial and industrial buildings.

Required Components:

- Arduino uno R3
- Bread-board
- Jumper cable
- Infrared emitter and detector LED pair
- Buzzer
- 1 kOhm resistor
- 10 kOhm resistor
- Flame sensor

Circuit Diagram:

