



# 1.Problem Statement

To use a bot for search and rescue operations which can be remotely controlled and uses minimal technology for implementation.

## 2.Scope

- Urban disaster
- Requires a internet connection
- Can be used for surveillance operation
- When live streaming is required

# 3.Features

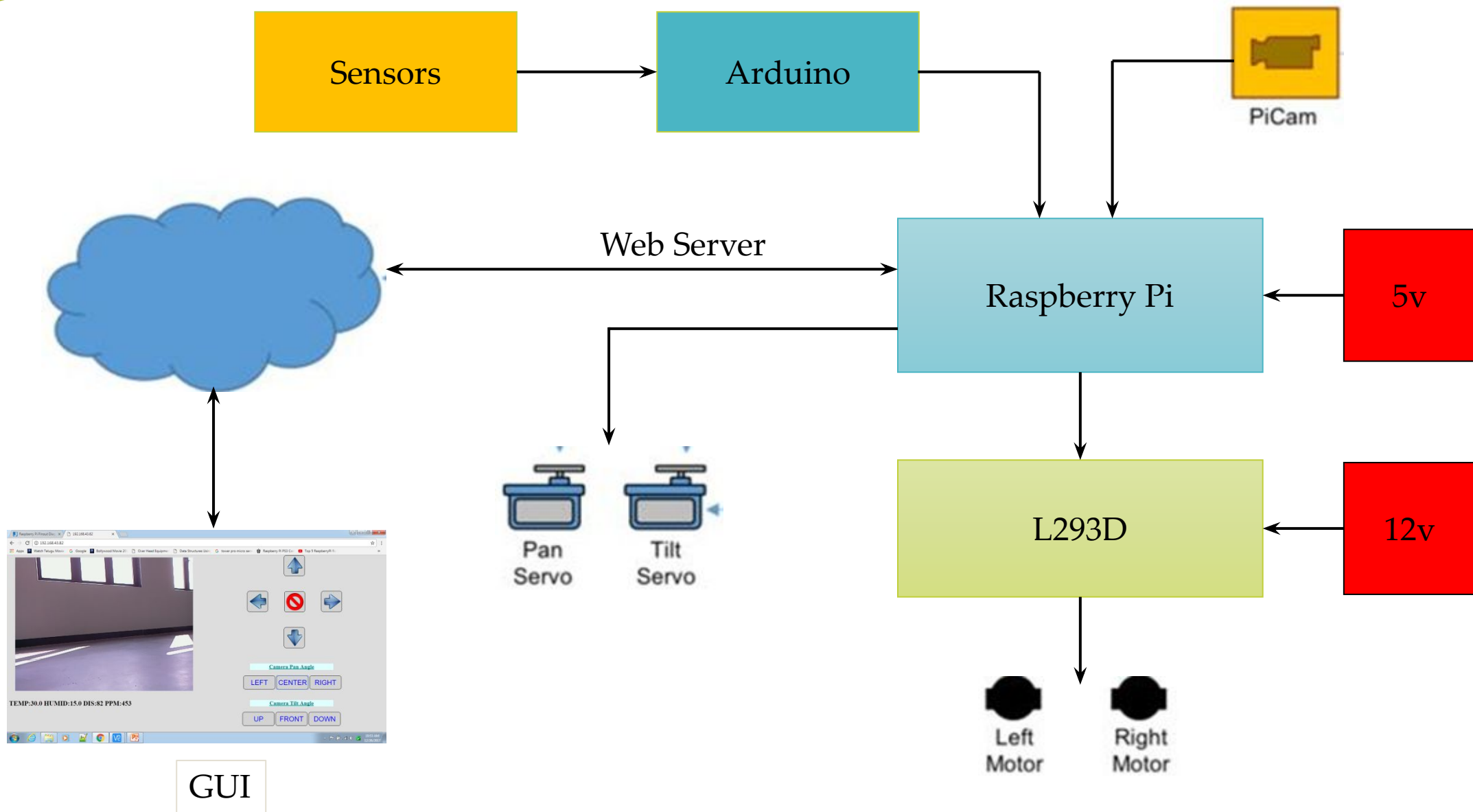
- IOT based
- Gives real-time temperature, humidity, CO levels and GPS location
- Video Streaming
- Can store sensor data for further analysis
- Range of communication is unlimited

# 5.Applications

- Building collapse
- Gas explosion
- Surveillance operation on site

# COMPONENTS

- Raspberry pi
- Arduino
- LiPO Battery
- L293D Motor Driver
- Sensors
- RPI Camera
- Servo motors
- DC Motors




Raspberry Pi Pinout Diag x192.168.43.82 x

192.168.43.82

☆⋮

AppsWatch Telugu MovieGoogleBollywood Movie 201Over Head EquipmenData Structures Usingtower pro micro servRaspberry Pi PS3 ConTop 5 RaspberryPi Ro»



TEMP:30.0 HUMID:15.0 DIS:82 PPM:453

↑

←⊘→


↓

Camera Pan Angle

LEFTCENTERRIGHT

Camera Tilt Angle

UPFRONTDOWN



10:53 AM12/26/2017



THANK YOU