

PROJECT DESCRIPTION

Project Title:

Search And Rescue Assistant

Project Website:

<https://github.com/Abhiek187/emergency-response-drone>

Demo Date:

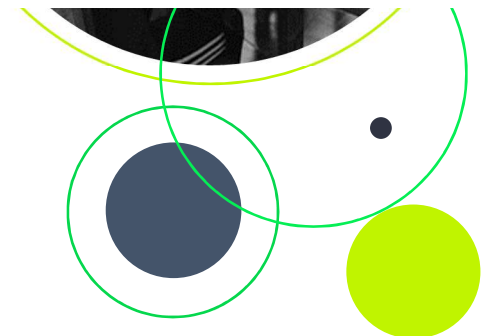
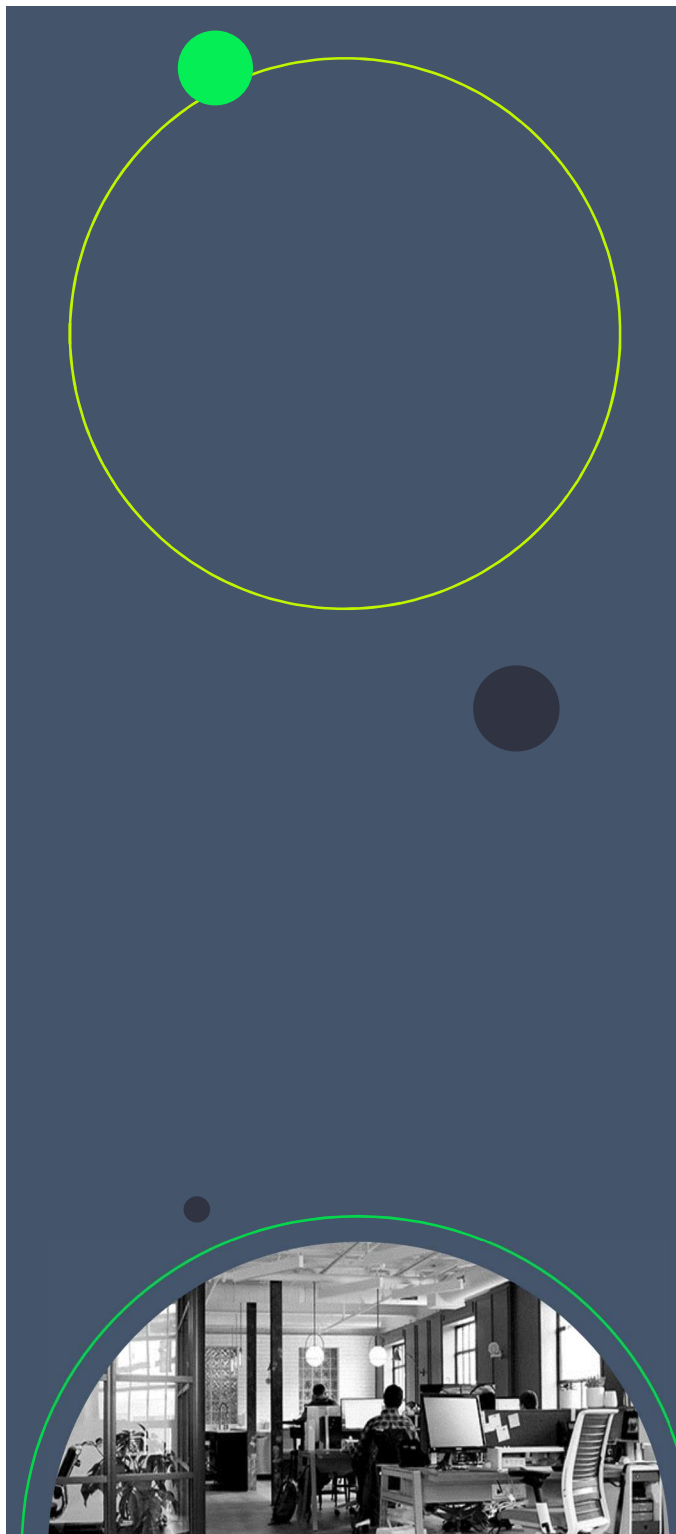
April 21th, 2019 3:30 P.M.

Group 8 Members:

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SEARCH AND RESCUE ASSISTANT

DEMO 2



FEATURES & DESCRIPTIONS

Interface/Software:

Battery Level – Displays battery of the device in use

Video Screen – Projects the video capture from the camera on the screen

Location-Displays the exact location of the drone by latitude and longitude

Power – Button to turn on the functions of the camera

Distance-Display the distance of nearby objects

Hardware:

Drone- The model of the drone is Vivitar Aeroview

Raspberry Pi- It powers the sensors and sends the data from them

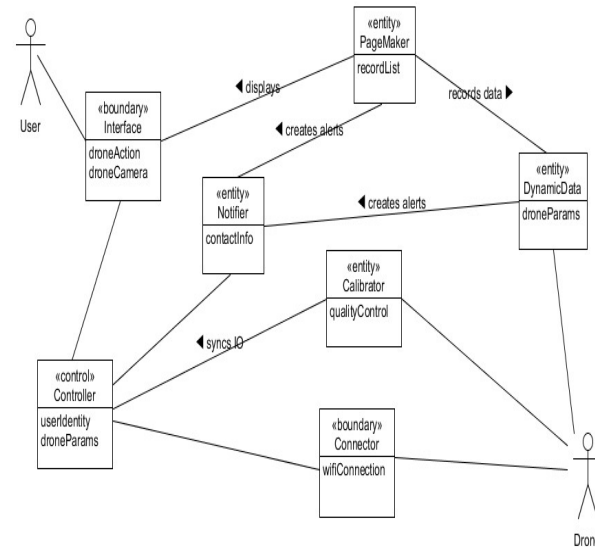
Ultrasonic sensor - Ability to detect obstacles

Thermal – Be able to detect heat signatures

BELOW IS A SENSOR- FOR DISTANCE TRACKING



SYSTEM DIAGRAM



S.A.R.A INTERFACE

