



ACOUSTIC SURVEILLANCE SOLUTION

Lab Overview:

PROJECT DESCRIPTION:

An intelligent solution with a hardware and one window application that will monitor environment for any acoustic abnormality. It will quickly detect and localize the event, generate a response to the camera module and raise a pop up alert in the one window application.

LAB OVERVIEW:

NWNL at KICS focuses in research and development activities in the areas of wireless sensor networks (WSN), Edge Computing, IoT under the supervision of Dr. Muhammad Tahir. The team comprises of full-time research associates and undergraduate/ postgraduate interns. NWNL is dedicated to develop products through Artificial Intelligence and cutting-edge technologies that can improve and contribute to the society.

SALIENT FEATURES:



Round the clock Active Surveillance



360-degree Coverage per site



Detection range of 1 – 1.5 Km



Notification for Direction of Fire with an accuracy of 2-3 Degree.



BENEFITS:

- Events Based Surveillance
- Low Cost
- Low Bandwidth
- Low Power Consumption
- Ease of Integration with Existing Infrastructure
- One Unit for Multi Purposes.



Fire detection for 9mm pistol



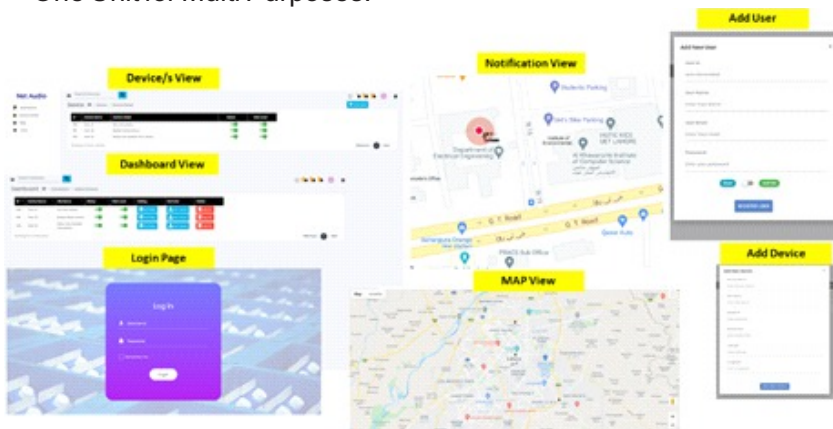
Notification within 1-1.5 sec of firing



Map based device view and Alerts



Automatic Event popup and logging



Beneficiaries:



Contact Us



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