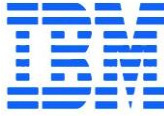




**KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY  
(AUTONOMOUS)**

**Tholurpatti (P.O), Thottiam –T.K, Trichy – 621 215.**

**Department of Electronics and Communication Engineering**



**HX8001 - PROFESSIONAL READINESS FOR INNOVATION,  
EMPLOYABILITY AND ENTREPRENEURSHIP**

**PROJECT TITLE**

**Domain of the Project : IOT**

**Batch ID : B12-6A2E**

**Team ID :PNT2022TMID13381**

**Academic Year : 2022-2023**

**Year/Semester : IV/VII**

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# Objectives

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- Through this project a farmer can protect the crops from damage caused by animal without affecting them.
- And also this system help us to protect the farm from animals to the entire 24 hours, because it is not possible for farmers to barricade the field for whole night.

# Abstract

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- The main aim of our project is to protect the crops from damage caused by animal as well as divert the animal without any harm. Crops in farms are many times ravaged by local animals like buffaloes, cows, goats, birds etc. This leads to huge losses for the farmers.
- So we proposed a automatic crop protection system from animals and also Animal detection system is designed to detect the presence of animal.
- It diverts the animal by producing sound and signal further, this signal is transmitted to GSM and which give an alert to farmers and forest department immediately.

# Introduction

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- Due to advancements in technology, there is an improvement in living standards, by automating even simple tasks to complex tasks.
- A predefined gesture is used to turn on/off the device  
Gesture is defined as a motion of limbs or any other body part which are made to emphasize speech.
- A waving hand means goodbye, which is an example of a dynamic gesture, and the stop sign is an example of a static gesture.
- It is necessary to explain all the static and dynamic gestures over some time to understand the message.

# Literature Survey

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TITLE	AUTHOR & YEAR	JOURNAL NAME	REMARKS
Disabled people using DTMF technology	Krishna Kumar & 2016		This project doesn't approaches the work effectively in the problem addressed, where the remote has to be touched by many people. Nowadays, the web need to wound up a typical interface that countless contraptions use to set up will improve the regular daily existence of various people..
Gesture-based home automation	P. N. Arathi & 2017		Where the hand gesture sigh is captured by the camera module and processed with MATLAB algorithms. Practically common people cannot remember the sign of different switches

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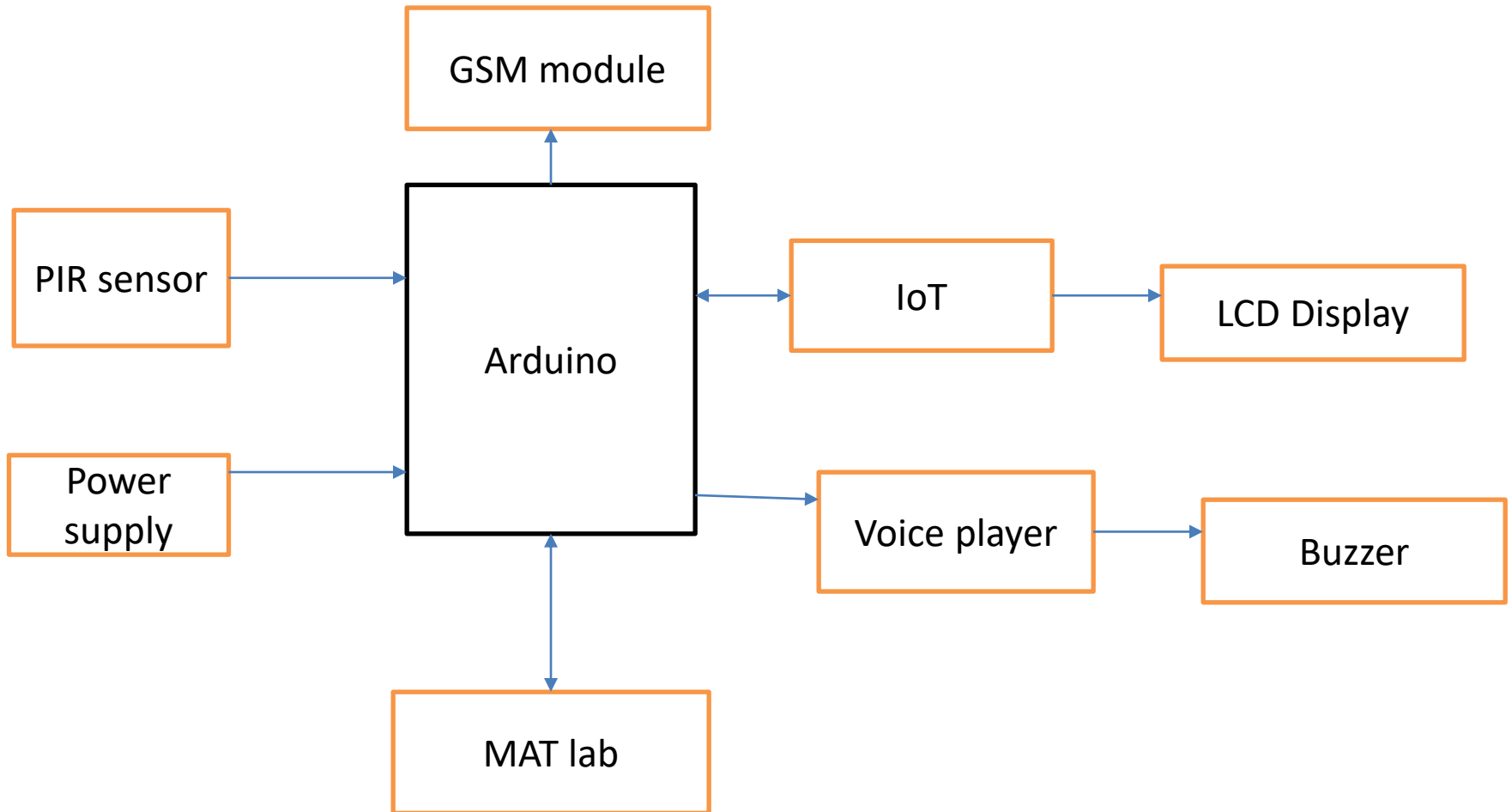
# Problem Identification

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- As we all know, buttons are the most common interface to interact with the digital world.
- To avoid the risk of getting Covid-19, It could be as simple as a light switch or it could be as complex as in the elevator or a TV remote that has been frequently used by other people.
- These buttons increase the spread of viruses. So, the cheapest way to solve this problem is by introducing gesture control to these day-to-day appliances.
- By using these types of gesture control everywhere we can reduce the spread of this covid virus significantly.

# Block Diagram

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# Questions & Discussion



THANK YOU