



## **Problem Statement:**

Create an innovative sound notification system using the Atmega328p microcontroller and a buzzer to address accessibility challenges for individuals with visual impairments. Design a device that can interpret and convert various types of information (e.g., alarms, notifications, doorbells) into distinctive and easily distinguishable patterns of sound, allowing users to receive critical alerts without relying on visual cues. Implement a user-friendly interface for customization and integration with existing technologies, ensuring the inclusivity and effectiveness of the auditory notification system.

## **Company name**

Onnano Technologies , Karur, Tamil Nadu