

81 PROJECT

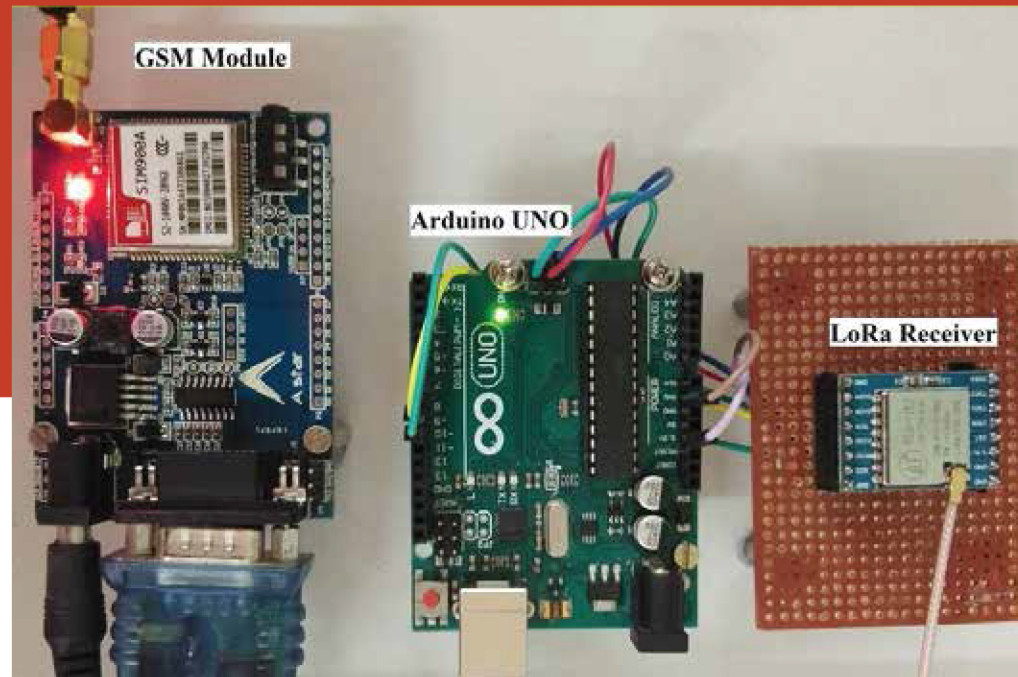
LORA ENABLED REMOTE LOCATION SAFETY MONITORING SYSTEM

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The objective of this project is to design, implement and monitor safety parameters at home, shopping stores, industrial areas or any confined remote area. This project will constantly monitor environment conditions and transmit their values to the fire-station, police-station, hospital and emergency services.

The system constantly monitors different predefined parameters set by the user. When the monitored parameter is out of prescribed limit, an alarm goes off and an SMS will be sent to all the concerned departments or neighbours.

Features

- Designed using LoRa technology with .Net and Web Technology.
- Modular and can be expanded to include additional users.
- The system can communicate long distances (i.e. 10KM)