

# **OBJECT FINDER**

## **Aim:**

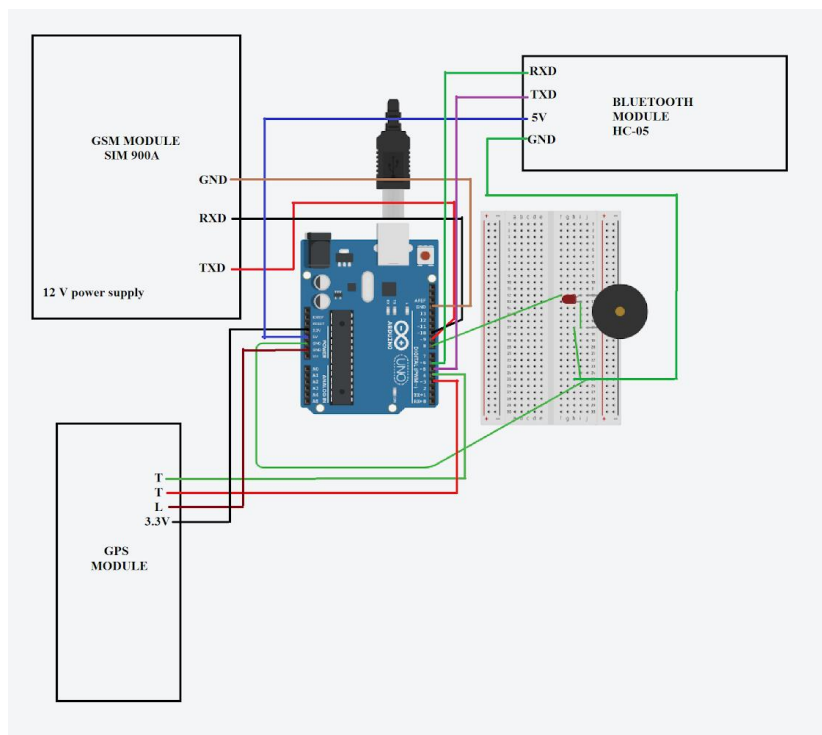
To build a solution using IoT to find and track lost objects.

## **Components:**

- Arduino Uno
- GSM Module – SIM900A
- GPS Module – NEO6M
- Bluetooth module – HC-05

## **Procedure:**

The Arduino Uno board is connected with the GPS module, GSM module and the Bluetooth module as shown below:



The GPS module (NEO6M) tracks the location coordinates of the missing object. The latitude and longitude of the location are sent to the owner's smartphone device via an Android app using GSM module SIM900A. If the distance between our location and the object's location is near, the

Bluetooth Module HC-05 comes within range and the led glows along with the alarm that rings, thus enabling the user to precisely locate the lost object.