MINI PROJECT
(2020-2021)

IOT Based Real Time COVID Precaution

SYNOPSIS

Institute of Engineering & Technology

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About the Project:

The aim of our project is to notify the user to sanitise his hands after a certain period of time.It will also assist in alerting the user whenever he will go out to take particular precautions such as sanitising the hands ,wearing masks etc. In order to protect himself from Covid-19. It is a IoT based project hence the automation is done using arduino uno for efficient working.

Motivation:

As we all know that whole world is facing a pandemic and there are certain times when one forgets to use the masks while going outside because of hurry. Also sometimes people tend not wash or sanitise their hands when they enter the house. So in order to provide a solution to this problem we are developing an application which will repond to this problem.

Future prospects:

In future the application will be enhanced as to respond to some kind of tasks such as alerting the user if it comes in contact of a person within 2 metres . Also voice based alert feature will also be added to make the effective application .

Requirements:

Modules:

1. **MQ3 Alcohol Sensor**
2. **Arduino**
3. **Ultra-sonic sensor**
4. **Temperature sensor**
5. **GPS**
6. **Lights**
7. **Blynk**