SMART DEVICE TO SHARE LIVE LOCATION IN EMERGENCIES

GROUP-2

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ABSTRACT:-

It is common that every people come across emergency situations in their everyday life.

And during these situations they need a help in order to that, they need to pass an information to their near & dear ones in harder times.

Also, in these situations one cannot make a phone or write a message immediately.

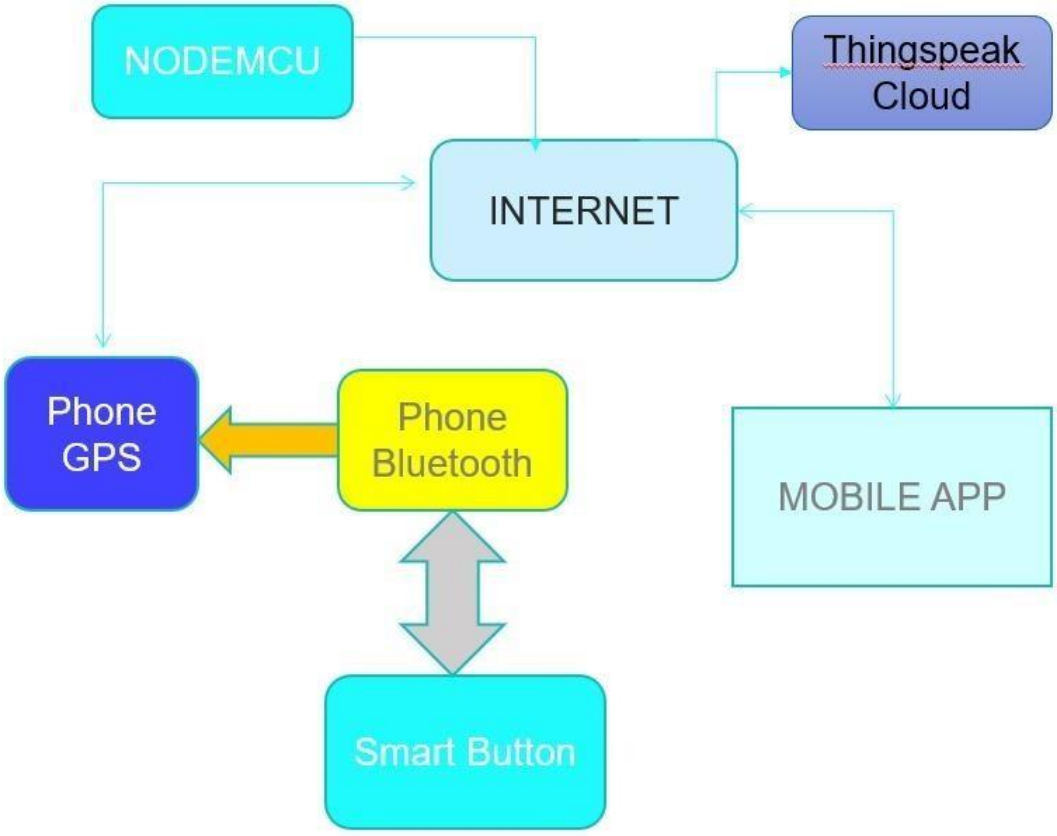
To overcome this problem a this project provides smart button attached to their key chain, bracelet or to necklace connected to smart phone Bluetooth in which GPS is turned on, can help them sending a live location and an emergency alert to the group of people immediately so that further action can be taken to come out of danger through application interface.

JUSTIFICATION:

The application interface in the project is maintained by user group of people. At the start group of people will be registered by user over an application database.

This smart device provides the ease to track the criminal activities for the police force and also helps to ensure the security to each individual and also decreases the crime rate in the society.

Functional Block Diagram



COMPONENTS:

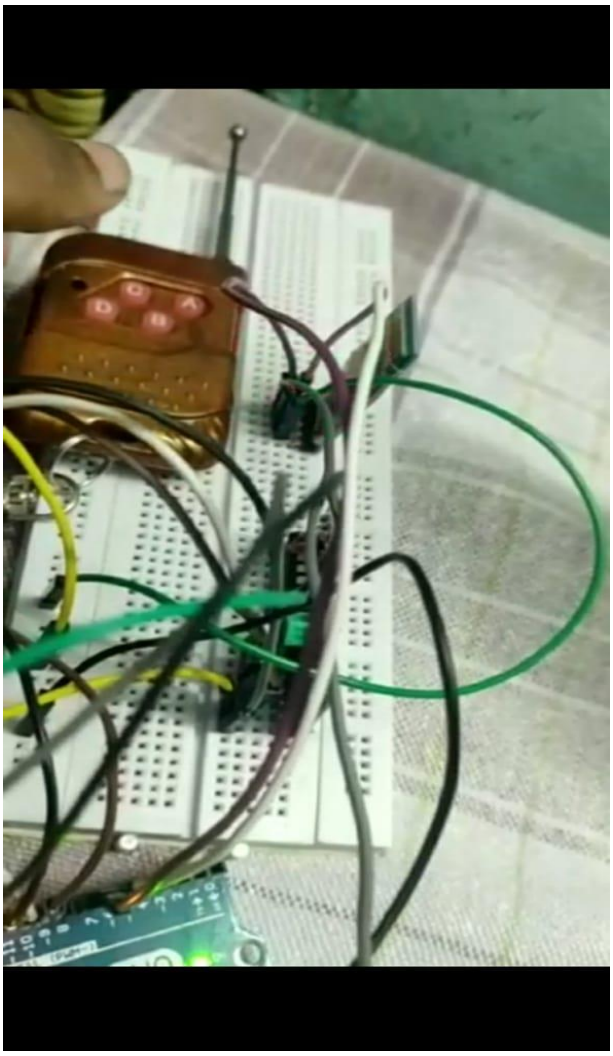
Hardware Components:

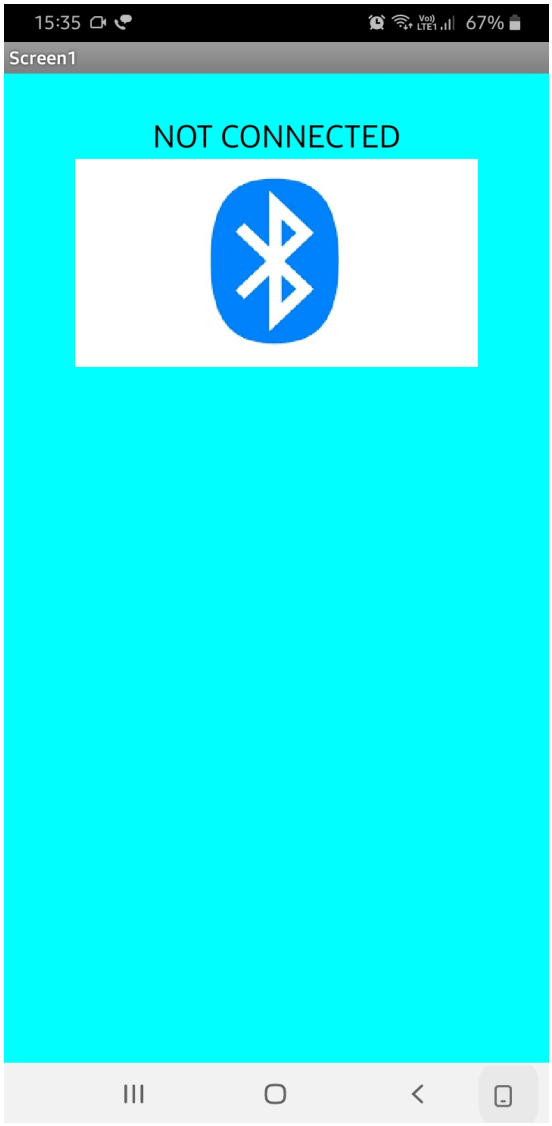
- ARDUINO UNO
- BLUETOOTH MODULE
- BREAD BOARD
- WIRE LESS BUTTON AND ITS RECEVIER
- Node Mcu

Software and Networking Modules:

- An app to share information and emergency alert
- Program to send the live location when action performed • A server database to find the current location and store that data
- Thing speak cloud , to update data using nodemcu.

Results with Screenshots: -

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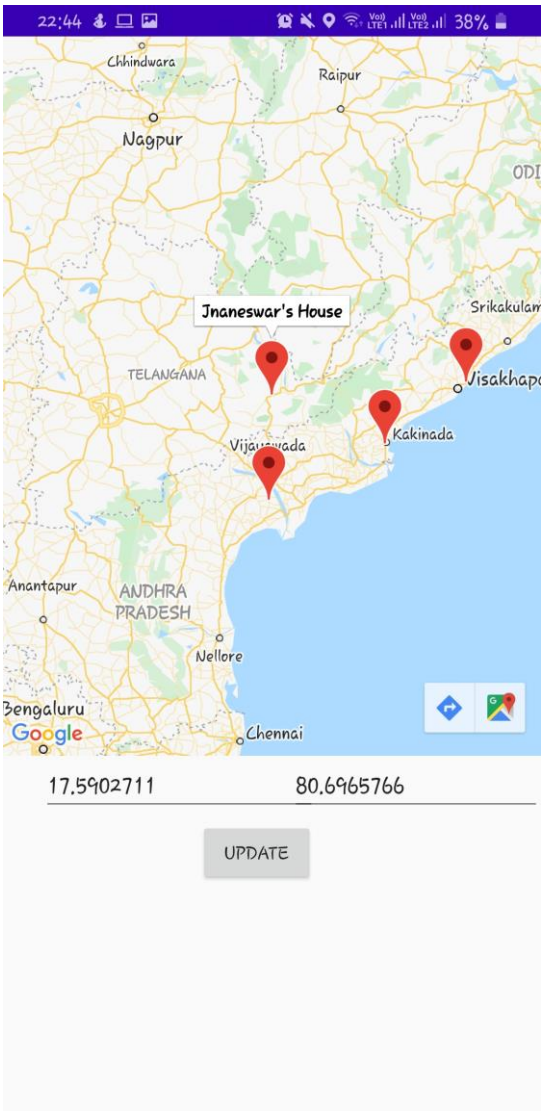
Screen1
NOT CONNECTED


22:44
38%
Chhindwara
Raipur
Nagpur
Jnaneswar's House
TELANGANA
Kakinada
Anantapur
ANDHRA
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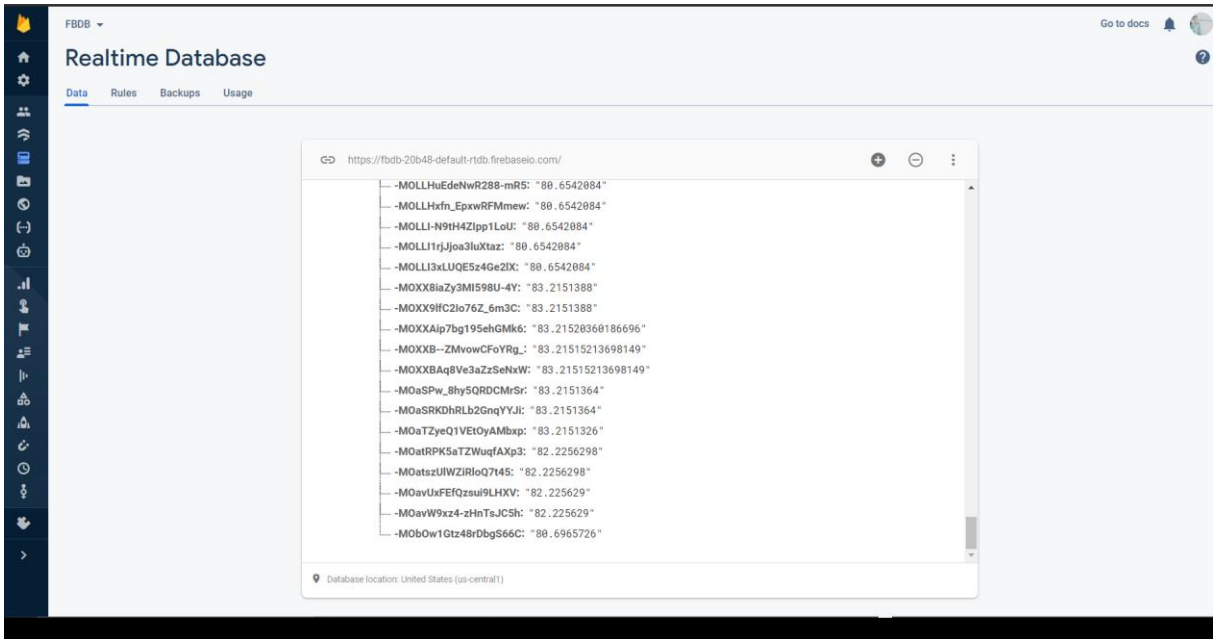
UPDATE


FBDB
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Rules
Backups
Usage
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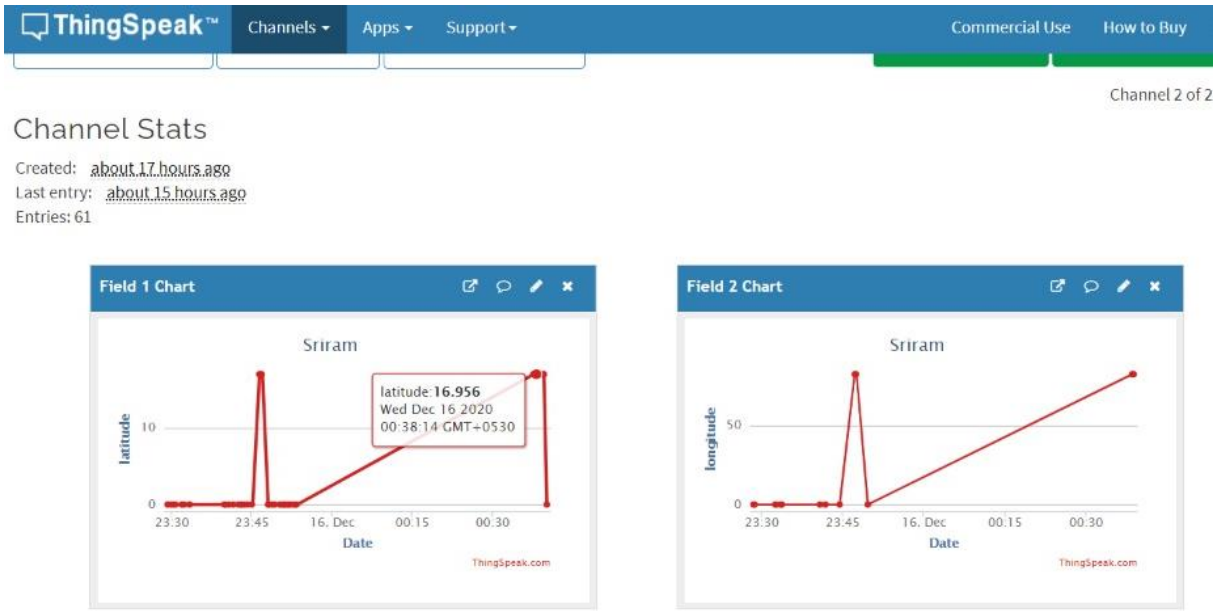
ThingSpeak™
Channels
Apps
Support
Commercial Use
How to Buy
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Last entry: about 15 hours ago
Entries: 61
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23:30
23:45
16. Dec
00:15
00:30
Date
ThingSpeak.com
Field 2 Chart
Sriram
longitude
50
0
23:30
23:45
16. Dec
00:15
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Date
ThingSpeak.com

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