

Women's Safety



Team 'White Hoppers'

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Problems faced by women during transit

- India is a country where women are given the status of a goddess. However, the problems they have to face just show the opposite of this concept. As women always had some or the other problem to face in society.
- My team today is here to counter the most unsolved problem.
- We are highlighting the inconvenience women faced at times in Public transport. As most of us prefer to travel by busses or metro on a daily basis since it is a more convenient and cheaper way.

- Understanding the extent and nature of sexual harassment in transit and responding to it is a critical issue for transit operators.
- Almost 63% of women had experienced some form of harassment while using transit.
- Verbal harassment was the most common form of harassment, with 41% experiencing “obscene/harassing language” and 26% being subjected to sexual comments.
- Among non-verbal types of harassment, 22% had been stalked and 18% had been victims of indecent exposure. Physical harassment was less common, but still, 11% of women had experienced groping or inappropriate touching.

- It is sometimes difficult to identify the harasser in a crowded space and know whom to report to.
- Crowded public transport or waiting areas are often a space where women face sexual harassment because the crowd offers anonymity.

The Most prevailing diplomatic problem encountered by women using public transport



Women's Safety in today's Era

- Considering the fact that with development in technology the dangers with them also increase. Criminals and assailants also start upgrading their methods accordingly.
- To cope with such situations and to fight on equal grounds we also need to catch up to them with the use of technology.
- The need to educate the masses has also increased.
- This can be done by the means of using technology as a medium for their safety.
- We see that there is a gradual development in such technology. From SOS alarms to real-time tracking, all these show a significant shift towards technology.

In comes "The Rescuer"

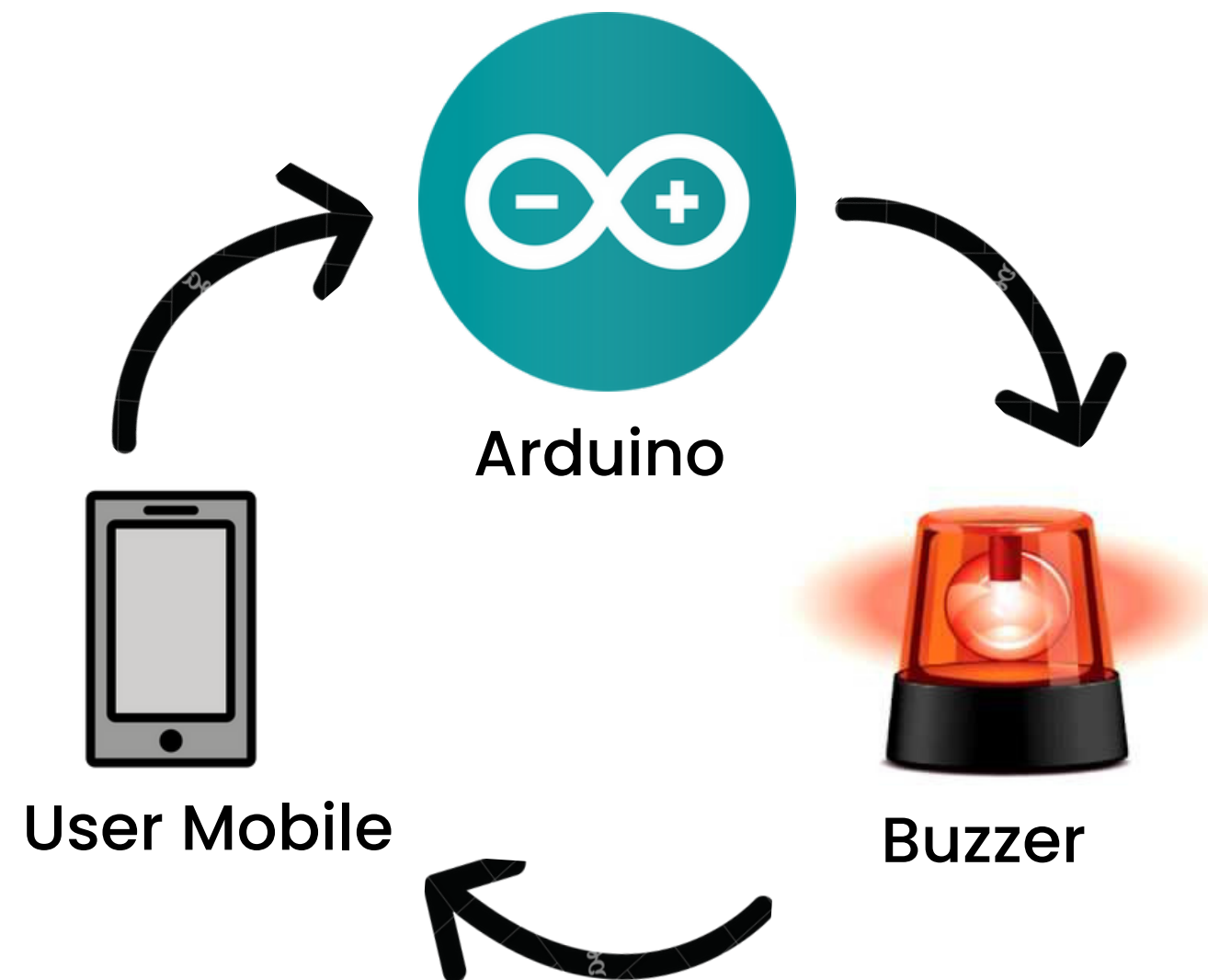


Difference between Current tech and the Rescuer

- Our feature removes all the barriers that tend to slow down the process of getting help and alerting the surrounding for our Rescuer Feature.
- It won't hold a separate button it will be integrated within the existing power/screen-lock button.
- It will be working on 5 Rapid power button clicks (Panic Button) which we send requests to the nearby Arduino Device.

- The moment our Arduino receive's SOS it will configure up a push alert message which will trigger the loud alarm sound in the bus at that point.
- The same will also trigger the door lock mechanism of the bus which won't allow the victim to escape from the bus.
- The only alternative is the driver will be holding a manual control after getting resolved with the issue by this time all the nearby authorities as it our secondary priority.

Working Cycle

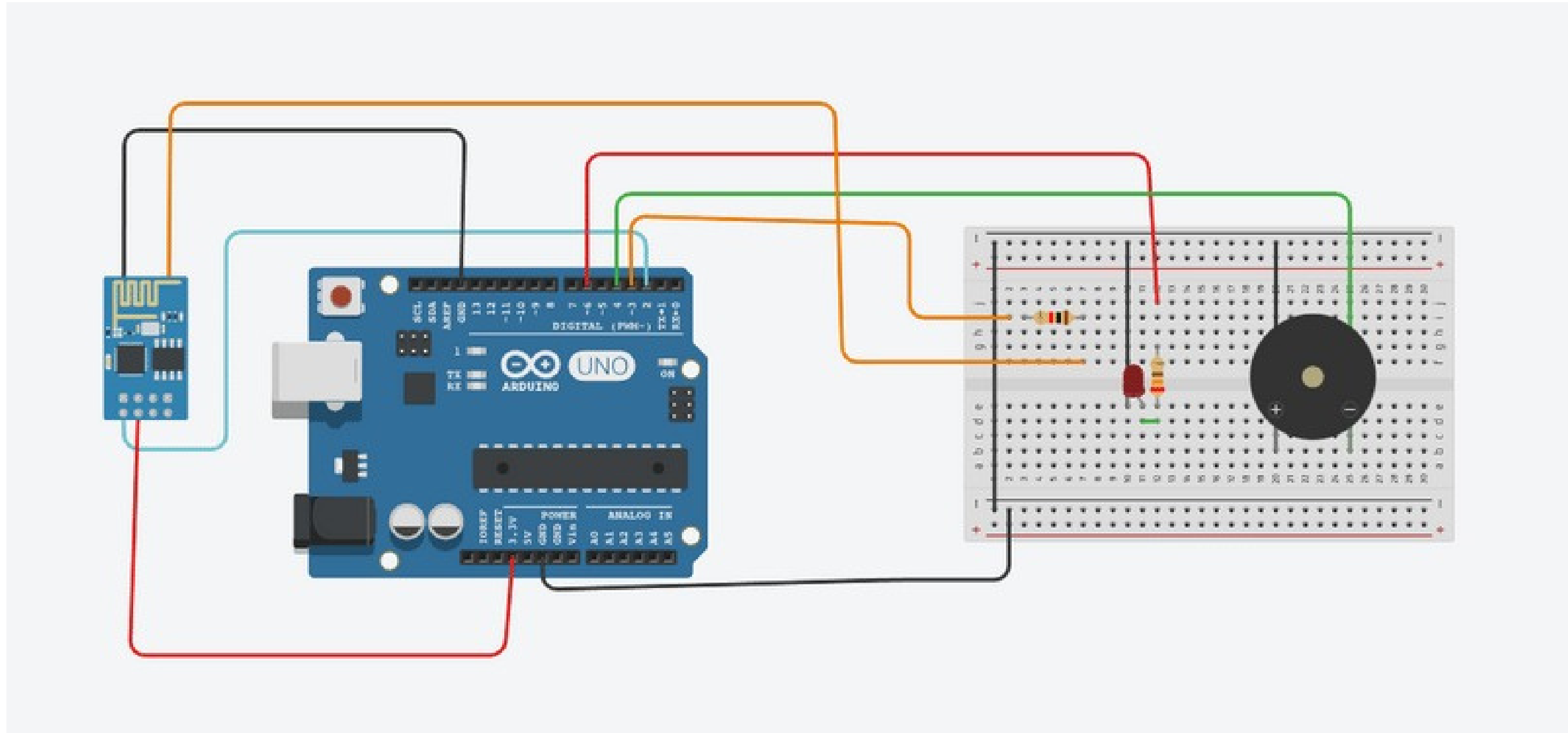


Components Required

- Arduino UNO
- Bluetooth Module (HC-06)
- Buzzer
- Jumpers

- The SOS from Mobile will be sent along with the encoded message through Bluetooth.
- The Rescuer Device will decode the encoded message.
- After Decoding, The device will trigger the buzzer installed in the bus.

Circuit



Thank You