Smart Band for Women

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***Abstract-* Today, women face critical difficulties in present world circumstances. We are able listen more of the news of women's badgering than of their accomplishments. The app is triggered by this and the user is alerted via vibration. In spite of the fact that smartphones have developed quickly, it isn't conceivable to have the phone all the time in your hand to press on it or make a request call so here we presented a unused method through smartwatches. In case a woman or child wearing this watch is uncovered to a sexual or helpless assault, the sensor will identify a person's pulse rate. At that minute, the rate of the pulse will be high due to the discharge of epinephrine hormone from the hpa pivot. The app is triggered by this and the user is alerted via vibration. The wearable device is operated on a voice order of the operator. It does not only trigger an alarm to the ears of local residents, but it will also immediately transmit the alert to a registered contact. It can distinguish the area of the closest police station and send the message by GPS / GSM so that it would be valuable for police to reach at the spot early by tracking the GPS, it'll indeed collect the encompassing photographs and spare them within the cloud. Such a wearable gadget will bring a more secure and way better society.**

**Keywords: Smart Watch, Heartbeat sensors, Vibration motor, Camera, Microphone, GSM, GPS, Arduino, Raspberry pi.**

# INTRODUCTION

# Women's security in India could be a major concern, women's security matters a parcel, whether it's at domestic, exterior the domestic, or at work. It is quite clear that in India women are granted Goddess Lakshmi's role in Indian culture, but we cannot disregard the bad aspects of women's status in India as well. The land of woman hunters has become places such as parks, public buildings, public transport, etc.

# Women's security in India may be a tremendous issue now-a-day. We cannot say that women are secure in India by witnessing violations against women in specific within the national capital over the last few years. Women are generally afraid to go outside alone. It is the country's very sad fact that its woman people are all the time living in danger. For any Indian resident, the personal protection of women has been the subject of importance.

# Despite the formation by the Indian government of various effective rules and regulations for handling and controlling the violations against women, the number of violations against women is expanding day by day. Within the last few years, women's status within the nation has been more hostile and dreadful. It has decreased women's confidence level in their own country for safety. We should not blame the government for the fact that women’s safety is not only a government responsibility; it is the duty of each Indian citizen.

# Women in India, respected as the way better half of Indian society, are presently getting to be nowadays the foremost defenceless bunch in terms of their protection. This surely indicates that such sexual overdrives have been increasingly raging in a present-day generation. Assault is India 's fourth most predominant crime against Women. Agreeing to the most recent National Wrongdoing Records Bureau (NCRB) 2018 yearly report, 33,356 assault cases are detailed across India. Over the past decade, the number of detailed assault cases has relentlessly expanded. A step towards controlling occurrences of this intolerable crime is to create a framework that can naturally sense the approaching threat and offer assistance protect the victims from such an act. Investigate appears that these gadgets exist commercially, but require manual button squeezing to cause alert. Thus, manual squeezing of the button isn't perfect since the mental state of both women and children is influenced amid such an act.

# Indian people must accept certain basic duties to contribute to women’s integrity and security so that they can also appreciate their civil rights and constitutional freedoms with a sense of confidence, equality, and trust. To ensure this, society needs to work together to give the solution an edge. For example, women in the community ought to be provided with devices that provide their location to a central police control room utilizing GPS technology or transmit their address notifications to nearby locations.

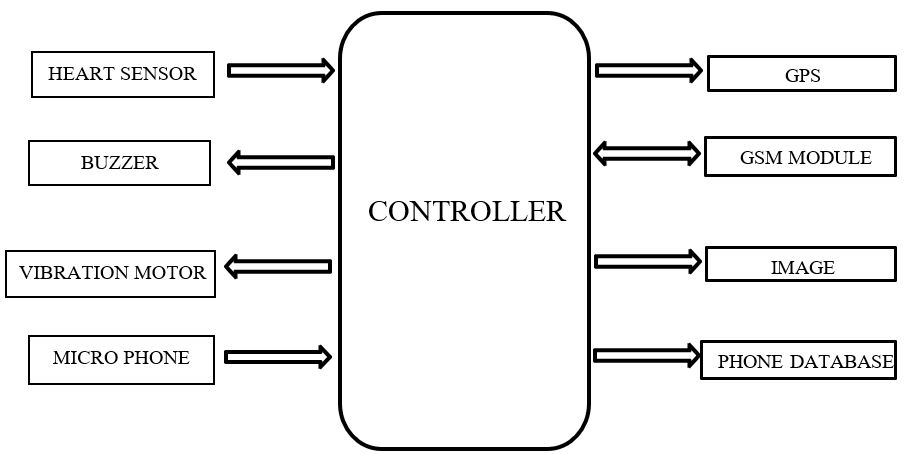
# Public outrage following the 23-year-old student's horrific rape and murder, "Nirbhaya" in Delhi on 16 December 2012 has focused more attention on the need for systemic steps for women's welfare. Unfortunately, despite strong legislation, there has been no reduction in incidents of assault and physical abuse of women that underline major socio-political ills and changes in the environment in Indian society today.

# The underlying trends may appear to be aberrations in male behaviour, but in recent times these have become so pronounced and their ill effects so harmful to society as a whole that they need to be asserted bluntly. A lot of people and communities around the world have always been concerned about this. It is clear as we look at various incidents taking place across the globe, when the women's role has been mistaken by a few individuals in the community and an effort has been created to damage the social standing of women, so although it might be decades or millennia until the planet is a better environment for us, there are many steps we should and will do to defend ourselves.

# Our model may be a defensive framework created particularly for women in emergencies and in trouble. With different functionalities, it is fast and helpful to utilize and bring. Usually an individual assurance gadget expecting to be healthy 24/7 for you and your companions. It is packed with features for day by day security as well as real crises, making it the extreme device for everybody. Anybody can utilize this user-friendly gadget. We may utilize the sensor to dependably distinguish the women's real-time condition in sensitive rough circumstances

# In such situations, a person's heartbeat is normally higher, which helps make decisions, while women are victimized. The concept of designing a women's smart system is that it is totally secure and user-friendly relative to current women's protection technologies such as different clothes, heavy belts, and notorious smartphone devices that are all quite abstract and obsolete. The essential approach is to intimidate the cops and the current numbers with the instant area and a trouble message, so that disastrous occurrences can be deflected and proof of the activity against the culprits of crime against women can be given in real-time. It will also enable the police force to minimize the violence against women and can use the proof to track the abuse.

# Methodology



**FIG 1: BLOCK DIAGRAM**

The smart band consists of a heart rate sensor and voice controller that is used to turn ON/OFF the device. The Vibration is provided to notify the user that the device is activated. The device should be capable of recognizing the voice of its user only, incase no voice is found, or the voice of the user is not matched these operations do not take place. A message will be sent to the saved contacts and closest Police station. The message comprises latitude, longitude, and link. The link will be directed to the google map. There is a buzzer to alert the people around for help. A captured image is saved in the drive.

The pulse sensor will sense the pulse of the user. Incase if the pulse crossover the threshold value at that point vibration is delivered within the band.. The band will be activated when the person wearing the band says the word "Help" and the band will be directly deactivated when the person says "Stop". After 30 seconds of the band activation, the location of the person and a message saying "Help me" will be sent to the contacts saved in the database and also to the nearby police stations. A buzzer will switch on, which will beep for 1 minute and will reach up to a range of 100 meters. For every 2 seconds, an image of the scene will be captured and saved in the drive. The person wearing the band can say "Stop" to stop the buzzer and image capturing if it is a false alarm.

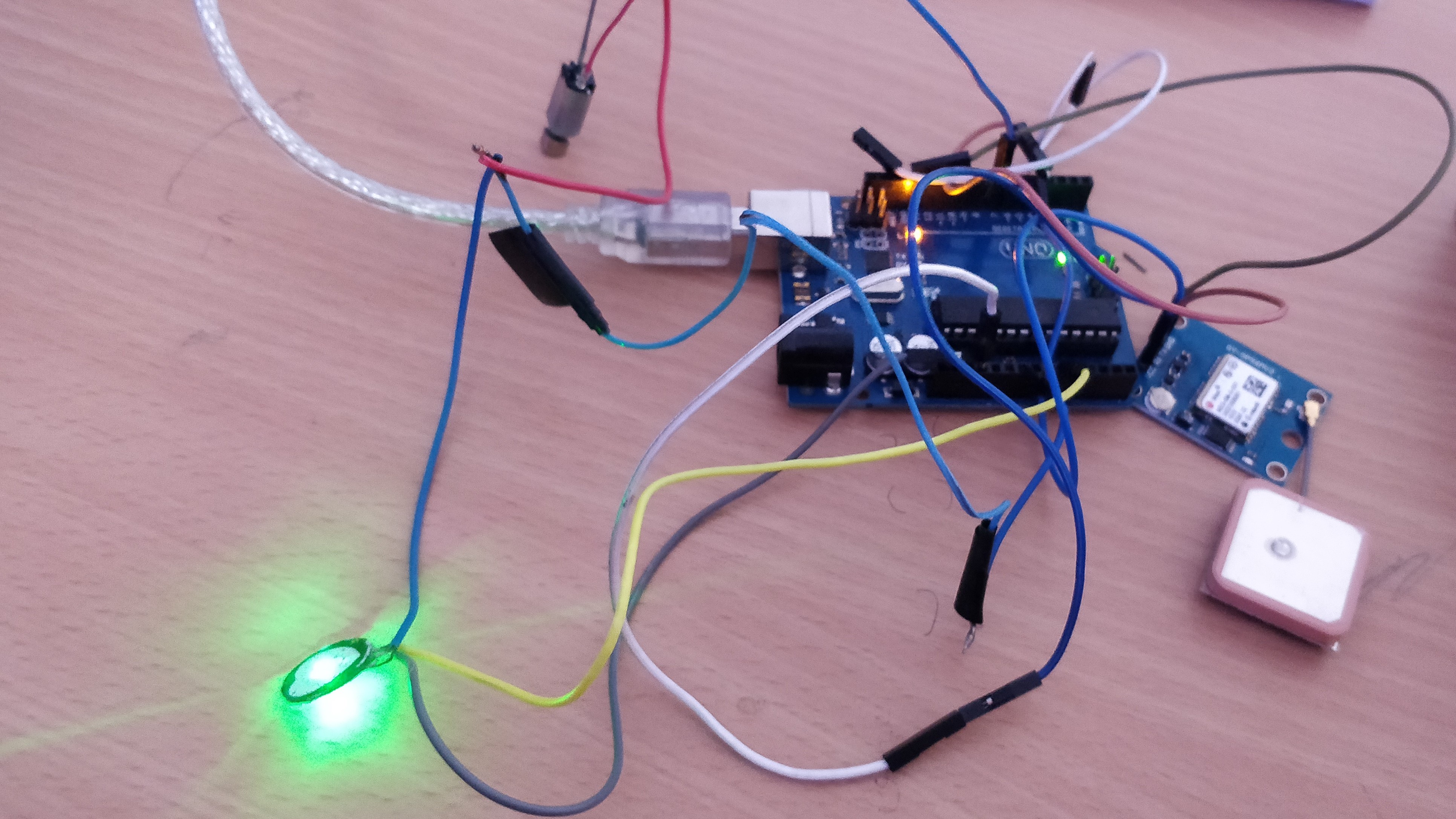
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2wwyu0TIHc8IGCMATxkY71NceJdGv73UdatdUs30ey01oJdSE6/ZzJI4wiy/dYjAzg8FlHU4rS/wCFj+CP+hy8P/8Ag0g/+Ko/4WP4I/6HLw//AODSD/4qgDyTwrLaWXhHwRr+v6u2ueFrCGFJU3pt0O+AXy5GEQG5RkJiTcyFg2eTjbl8T+Hb74v6zd23xEtNGtW0mzRbm0vbIpOwkmJXdMjglcg4XB+bntXoH/Cx/BH/AEOXh/8A8GkH/wAVR/wsfwR/0OXh/wD8GkH/AMVQB53deLfDsC/Dm2k8Qae6aVfCGW8e6RY5ljs5ImnUk5MfmZQOcAsDjPBOzrmqWfj34geFbfwjKmpQ6LfNfX+qWp328CCPAiEo+VncuPlUkgDJGBx1f/Cx/BH/AEOXh/8A8GkH/wAVUF78SPDQs5P7D1W016/2kQWOlzrcyyv2XCE7RnqxwAMknAoAn+HH/JLPCn/YFs//AEQldJWT4U0uXQ/Bmi6TcENNYafBbSFehZI1U/qK1qACiiigCvqFha6rplzp+oRCa1uomhmiJIDowww455BrldR0XTNA1PwVY6JYW9haprMmIreMIv8AyD7vnjqfc12Vcz40W4t10XWLe1mu00fUhdTw26F5DE0E0DMqjliom3YHJCnHNAFrxVHqc1jbR6bptvqlu85XULK4ZAs9sYpAyjcCCxbZgHAJ4JUEkcFpmga94Wg8QT+DfC+pabZal5Udro5vLZmtpiWM12oMxjRdrKFRXJZk5CrgjtB8R/BJA3+LdEibuk1/FG4+qswI/EUv/Cx/BH/Q5eH/APwaQf8AxVAHG654L1/RYfC+p+GJta1u70SdBDp1wdPiWK2ZQksbOqx8lOAQzjcAcHqOo8baXqmueF7PUtDs2h1/TJ49Qsrad0Dbxw8DMGKjcjOhIYjnOeKtf8LH8Ef9Dl4f/wDBpB/8VR/wsfwR/wBDl4f/APBpB/8AFUAY/ijQNUT4O3+g6dYS6rquoWksUvkSRoDPKGaSUmR1AXex4BJGRgHFUtI0ttF1KyvPDnwzn0e7SA291Mv2CJJIjsd+IpyXkJiCpnABcknGa6X/AIWP4I/6HLw//wCDSD/4qj/hY/gj/ocvD/8A4NIP/iqAOY8J3Hizw54aurFPA+oSX02oXVxE017ZpAqzTs672WZmGFbnajdMDNdL8P8AwtP4S8KrZahcx3Wo3M8t5fSxAiMzytucIDztGcDOM4zgZwHf8LH8Ef8AQ5eH/wDwaQf/ABVH/Cx/BH/Q5eH/APwaQf8AxVAHIS2viT7X4/ZfB+qMviBFWzYXNl2tVg+b/SOPmBPf5ffitLxl4P1DX1tPEXh6J9L1sxrBe2lwyf6Vak/NFJsYrvXO5WDEAjHQ8bv/AAsfwR/0OXh//wAGkH/xVH/Cx/BH/Q5eH/8AwaQf/FUAHj7wvL4v8H3Ol2lwtteB47i1lkGUWaNw6bh/dJXB9jTbPXPE15HHbTeFJtOuzhZbqe6gktE5+Zl2SGV+OVBRM9CV607/AIWP4I/6HLw//wCDSD/4qj/hY/gj/ocvD/8A4NIP/iqAOc8PXPiPRdd8UXk3gjWJY9Vv1urYR3VjkKII48Nm44OUPTPB/CnpoviXTvFVh42GnLe3l5pS2er6TBNGskbb/MUxOxVH2FihBZcquQSevQf8LH8Ef9Dl4f8A/BpB/wDFUf8ACx/BH/Q5eH//AAaQf/FUAZUGgan4l8dx+Jdbsn0e1sLGWzsLOWVJJ3aXHmSyeWWRQAAFUM2eSSv3aq+HYvFOg+B7XwmfDU0t3Z232GLU1uoBZuoG1ZTmTzQNuCV8snPHTmt//hY/gj/ocvD/AP4NIP8A4qj/AIWP4I/6HLw//wCDSD/4qgDAv7PWdM+IWiXlh4a1LU9P0nSZrFriCa0XzWcwlSqyTKcDyyDkDnpkc1a0vRNb174iQ+LPENiukWum2slrpuntMks7GRvnllZCUX5VUBFZupJIxg6v/Cx/BH/Q5eH/APwaQf8AxVIfiP4JAOzxbokrdkhv4pHP0VWJP4CgBfC//IxeM/8AsNR/+m+zrpK5nwWtxcLrWsXFrNaJrGpG6ghuEKSCJYIYFZlPKlhDuweQGGea6agAooooAKKKKACiiigDzb4b8fEj4kD/AKikB/8AINek15t8OuPih8SR/wBRC2P/AJBr0mgAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDh9K1C8k+OHiCwku53s4dJtJI7dpCY0ZnkywXoCcDJ9q7ivP9H/5OA8S/9gWy/wDQ5K9AoAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDzb4e8fFj4lD/p9sz/5ANek15t4A4+MHxMH/AE9WB/O3Nek0AFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAef6P/ycB4l/7Atl/wChyV6BXn+j/wDJwHiX/sC2X/oclegUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB5t4D4+M/xNH/AE204/nbmvSa828DcfG/4nD/AG9LP52zV6TQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUyeeK2t5J7mVIoY1LvJIwVUUckknoKAH0Vh+K9WuNP8MNc6VLGLi5ntrW3mI3qjTzxwrJj+IDzA2O+KrL4F09lBu9U8Q3M38Up127i3H12xSIg+gUCgDpaK5v/hA9I/5/PEH/AIUeof8Ax+j/AIQPSP8An88Qf+FHqH/x+gDy/wANal47f9pjWLK+sdNSL7NGt3dLbyBGtEZjE6ZkOHfdjkkAhuPlNe6VzA+HuiCZphca6JWUIz/8JFf7ioJIGfO6DJ/M0/8A4QPSP+fzxB/4Ueof/H6AOkorm/8AhA9I/wCfzxB/4Ueof/H6P+ED0j/n88Qf+FHqH/x+gDpKK5H7LN4U8S6LBZ6jfXOn6tcSWkltfXL3JicQSTLIkkhLjiFlILEHcCAMHPXUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAcE/wlsf+El1fXLbxN4ms7vV5VkuRbX6xr8uQqjCZ2qDgAk4HFT/APCtP+p18Yf+DX/7Gu2ooA4n/hWn/U6+MP8Awa//AGNH/CtP+p18Yf8Ag1/+xrtqKAOJ/wCFaf8AU6+MP/Br/wDY0f8ACtP+p18Yf+DX/wCxrtqKAOJ/4Vp/1OvjD/wa/wD2NH/CtP8AqdfGH/g1/wDsa7aigDif+Faf9Tr4w/8ABr/9jR/wrT/qdfGH/g1/+xrtqKAOJ/4Vp/1OvjD/AMGv/wBjR/wrT/qdfGH/AINf/sa7aigDif8AhWn/AFOvjD/wa/8A2NH/AArT/qdfGH/g1/8Asa7aigDif+Faf9Tr4w/8Gv8A9jR/wrT/AKnXxh/4Nf8A7Gu2ooA4n/hWn/U6+MP/AAa//Y0f8K0/6nXxh/4Nf/sa7aigDif+Faf9Tr4w/wDBr/8AY0f8K0/6nXxh/wCDX/7Gu2ooA4n/AIVp/wBTr4w/8Gv/ANjWfr3wnm1Lw5qNjbeMfE0k1zayRRpeamWhZmUgBwEyV55HpXo1FAHi2kfCuX4c+D7ZJvEmoakz6xpYa1L7bRCdQt+VjOcH3yM+le01zPxAYReFUnkIWK31TTp5XJ4SNL2B3Y+wVST7CumoA85+J5itde8KXE13rUNvc6g1rdRaXd3amWIQSuB5Vu2SdwU5A3YHXAqpNZabqXg3xbeaPfeKrP8As+ORIjdatfxSLKlt5okCSsJF/wBdja3ytsU4PBrp/FfhfV9e1rRr7TNYsbBdJnNzHHcac9wXlKPGcsJk+Xa/TGcjOe1Vb3wn4n1G01OO68SaYr39q1ttt9HkSJQ42vIyfaCXkKhFVi2FC4wcmgDnZdVvl0XU/Bvi69u4tc0uP7RYaha3cts2p2w4WXdGyneM4kQkjOG57WrDw3bzfFPWdHl1PxA1ha6ZaTww/wDCQ3w2u7zBjnzsnIReCccV0nibwTD4v0Wwg1u4QalYzLPDf2kRi2OPvAKWY7GXKlSxyD6gEVG8KeJYfGupeIdP8QaTE19BHbCCfR5JBHFGzsnIuVy37w5OADgYAoAp+Dr3U9H+IGs+CtQ1K41a0trSHULC6vG3zxxuxVopHxl8MMhjzg4JPGO/rm/Cvg9PD13f6nf6hNq2t6mUN5fzIEyEGFjjReEjHJA5OSck8Y6SgDm/FH/IxeDP+w1J/wCm+8rpK5nxMyv4q8HQKQZV1OacpnkRrZXKFvoGkQfVhXTUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQA2WKOeF4Z41kikUq6OuVYHggg9RXOL4A0KNQlsdWtIh92G01u8gjQeiokoVR7ACiigBf+ED0j/n88Qf8AhR6h/wDH6P8AhA9I/wCfzxB/4Ueof/H6KKAD/hA9I/5/PEH/AIUeof8Ax+j/AIQPSP8An88Qf+FHqH/x+iigA/4QPSP+fzxB/wCFHqH/AMfo/wCED0j/AJ/PEH/hR6h/8foooAvaR4Y0nQ7iW4sLeQ3MqhJLm5uJLiZlHO0ySMzYzzjOK1qKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigD/9k=)

**FIG 2: FLOW CHART**

# RESULT AND DISCUSSION

We have developed a prototype featuring a heart rate sensor. It senses the heart rate, when it reaches the threshold value, the vibration module starts vibrating (Fig 3) and we have also used the GSM module to detect the location and send the message.



**FIG 3: VIBRATION MOTOR**

Here will be showing how the band starts operating. The band starts its operation when the person says “HELP”. Send a message to the number you entered in the program. The message will reflect the longitude and latitude of the sender's location are shown in Fig 4. After the message is sent, an image of the attacker or the surrounding is screened as shown in Fig 5, and images are saved in the cloud which can be accessed when needed.

![A picture containing screenshot

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAeAB4AAD/4RDaRXhpZgAATU0AKgAAAAgABAE7AAIAAAAFAAAISodpAAQAAAABAAAIUJydAAEAAAAKAAAQyOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAEFjZXIAAAAFkAMAAgAAABQAABCekAQAAgAAABQAABCykpEAAgAAAAMxOAAAkpIAAgAAAAMxOAAA6hwABwAACAwAAAiSAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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**FIG 3: MESSAGE SENT AND LOCATION TRACED**



**FIG 4: IMAGE CAPTURED**

This band doesn’t operate if anyone other than the owner of the band says “HELP”. We should stop the band by saying stop.

# CONCLUSION

Main goal of this paper is to ensure that all women in our society are feeling safe and comfortable. Our initiative will play a significant part, for instance by providing women with a secure atmosphere in all circumstances (physically assaulted, abused, stolen, stalked). We will tackle the topic by combining software and a device in real-time. This prototype is used as a tiny wearable tool such as a watch, pendant, etc. with more work and invention.

# FUTURE WORK

# Functional smartwatches are a secure choice. Example of the IOT, since they are portion of real objects or 'stuff' inserted in gadgets, program, sensors, and organizing to permit objects to exchange data with a producer, administrator, and/or other associated gadgets, without requiring human intercession. This plan would also be useful for women's welfare in the future. Because of the recent occurrences of child crimes like lost babies, rape, abduction, etc., the welfare of school children is a major concern for parents as well as school administration. This module tracks the safety of children when they travel on school buses.

# REFERENCE

1. D. G. Monisha, G. Pavithra, R. Subhashini, *“Women Safety Device and Application-FEMME*”,: 10.17485/ijst/2016/v9i10/88898, IJST, 2016
2. Geetha, Durgadas, Suhasoil,, *“Smart Security Solution for Women based on Internet of Things*”,: 978-1-4673-9939-5/16/$31.00, IEEE,2016
3. Swapna, Salon, Sonal, *“Electronic Jacket for Women Safety*”,: 2395 -0056/2395 -0072/ 9001:2008/, IRJET, 2017
4. Dongare Uma, Vyavahare Vishakha, Raut Ravina, Badgujar Rinku, *“International Journal of Computer Science and Mobile Computing*”,: 2320–088/, IJCSMC, 2015
5. Vivek P, Sushma, Roopa, *“Design and Implementation of Smart Wrist-Band for Safety Measures in Emergency”,:* 2013/62/, WISE, 2013
6. Shivan, Smitk, Jigarc, Nidhita, *“The Personal Stun- A Smart Device for Women’s Safety*”,: 2320–088/, IJCSMC, 2015
7. Debojyo , Ahan y, Shreyas, *“A Hidden Markov Model and Internet of Things Hybrid Based Smart Women Safety Device*”,: 978-1-5386-4769-1/18/$31.00/, IEEE,2018
8. Viswanat, Nagashni, Dr Muneeswarhi, *“Smart Foot Device for Women Safety*”,: 978-1-5386-4769-1/18/$31.00/, IEEE, 2016
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