

IOT based Women Security System using Raspberry Pi

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Abstract: *The term "Smart Bracelet" mainly refers to the wearable devices that monitor and record a person's Security. Tracking physical activity and proves constructive to the women in danger and helps them to fight such odds. However, little information exists about the comparability of wearable trackers women's location. This device is a real-time, portable, Scramble system that consists of a button that triggers the Raspberry-Pi, which sends the alert message, and our device check pulse rate and pulse rate is high then victims current location with a recorded image of the crime and also produces a high frequency alarm to draw the attention of others. Although this device has been designed primarily for women security, it can also benefit other members of the society including elderly people, a girl child or anyone who faces an unsafe situation.*

Keywords: Rasberry Pi, Pi camera, Pulse rate sensor, ESP 12E

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