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Abstract:

Security has become an important issue everywhere. When it comes to human safety, the proposed system can be applied to make it smarter, safer and automated. Using two sensors Flex and PIR the system was made both manually and automatically activated. Based on the sensor the system turns on and tracks victim's location. Then the location is sent it to some selected numbers as well as saved in the server. This work includes data collection by using sensors. To transmit to a centralized server and upload to the website Raspberry pi and GSM is used. Through this system people of all ages can be benefitted. The system can be upgraded and improved by further additions of features. When a human will bend his fixed finger after facing any kind of danger, the resister value of flex will be changed and system will be on. At that moment not only SMS including location will be sent to the fixed numbers but also it will be uploaded and saved as still images to the website.