

WIRELESS HOME SECURITY SYSTEM WITH MOBILE

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ABSTRACT: Security and automation is a prime concern in our day-to-day life. The approach to home and industrial automation and security system design is almost standardized nowadays. In this paper, we have tried to increase these standards by combining new design techniques and developed a low cost home and industrial automated security systems. Everyone wants to be as much as secure as possible. The design of simple hardware circuit enables every user to use this wireless home security system with PIR sensor, Gas sensor, Smoke sensor and Main fuse Failure Detector at Home & Industries. Wireless security is the prevention of unauthorized access or damage to MOBILE using wireless networks Systematic solution for home. The aim of this paper is to investigate a cost effective solution that will provide controlling of home appliances remotely and will also enable home security against intrusion in the absence of home owner. The system uses latest wireless communication like Bluetooth, Infrared and Wi-Fi access to the system for security and automated appliance control. Home security has been a major issue where crime is increasing and everybody wants to take proper measures to prevent intrusion. System will works on different wireless communications and latest 3 of 10 mobiles uses for security purpose. The proposed system characteristics involve remote controlling of appliances, intrusion detection, system security and auto-configuration such that system automatically adjusts the system settings on running hardware support check.

KEYWORDS:-Mobile, Camera, Internet, Chips, Bluetooth, SMS, Web Technique, Electric Circuit.

I.INTRODUCTION

Wireless security is the prevention of unauthorized access or secure to MOBILE using wireless networks Systematic solution for home. The aim of this project is to investigate a cost effective solution that will provide controlling of home appliances remotely and will also enable home security against intrusion in the absence of home owner. The system uses latest wireless communication like Bluetooth, Infrared and Wi-Fi access to the system for security and automated appliance control. Home security ha been a major issue where crime is increasing and everybody wants to take proper measures to prevent intrusion.

II.OBJECTIVE

System will works on different wireless communications and latest mobiles for security purpose. The proposed system characteristics involve remote controlling of appliances, intrusion detection, system security and auto-configuration such that system automatically adjusts the system settings on running hardware support check. The main objectives of the system are as follow:

To develop home security system that

1. Crime can be prevented by taking rapid action.
2. Capturing images and sound recording will be able to display at remote places.
3. Safety of children's will be protected by authorization and authentication of a system.
4. Efficient communication will take place by using wireless communication technology.
5. Users can store and view data on internet.

III.EXPLANATION

Mini Mobile can be utilizes for this purpose.

A. Identifying and utilizing the wireless communication devices for input in mobile for WHSSM

B. Designing and Developing application in the mobile for the WHSSM A. Identifying and Utilizing the wireless communication devices for input in mobile for

WHSSM as for the security purpose and alertness we utilizes certain input devices

1. Capturing the image and video clips
2. Sound recording for the identification
3. Communication with SMS
4. Utilizing the internet for transferring information
5. Communicating electronic devices with mobile

Designing and developing application in the mobile for the WHSSM As for the security purpose and handling the input devices with mobile, we require developing applications for mobile. Here will develop application on windows mobile.

1. Software for WHSSM which covers Form , Report and Graphics
2. It takes actions –on specific events
3. Accuracy and Efficiency will measured
4. Testing with different inputs will be made
5. System will cover the exchanging information in terms of EMAIL and SMS by using wireless communications.
6. Remotely accessible.

IV RESULT

Expected Scientific Results after project completion. System will works on different wireless communications and latest mobiles for security purpose. The proposed system characteristics involve remote controlling of appliances, intrusion detection, system security and auto-configuration such that system automatically adjusts the system settings on running hardware support check.

Results:

1. Identifying the person which is stored into database by capturing image and sound
2. Authorization and Authentication will be given to user
3. Safety will be secured by taking immediate actions

4. Children will be protected
5. Parents will be informed in remote places to take action.
6. Automation will be done by remote places
7. On Internet video and images can be placed lively of an event.
8. Recording of the images can be sent directly to the owner.

It will covers special security for the remote places via mobile device and wireless communications inputs.

V. SOLUTION

The solution of the problem is topically divided into 2 areas, which determine main ways of dealing with the actual task, and at the same time, represent the controls of the individual stages of yearly periodicals.

Develop software for mobile device which integrates all

1. Capturing of images
2. Sound Recording
3. Wireless Communications devices
4. Email
5. SMS and to identify such electronic devices which uses for home safety to communicate with our programs.

VI. CONCLUSION

A simple system to improve the standards is developed. It is a real-time monitorable and remote controlled system developed with simple hardware which simplifies the possibility of error free security system. This system can be easily implemented with maximum reliability and the high security with low cost is a special enhancement from the existing systems for Home security.

Current State of Research in the problem of the world. Different devices using for home security, our goal is to use only device that is mobile which covers all the functionality and capability. Integration of different parts and their solution can be developed with current devices and applications. Different applications have been developed in this field via computer with PORT. Used computer and develop inbuilt application and computer is taking care of it .Using mobile device, a complete individual system which has all the features combine like audio , video with communication devices with wifi and Bluetooth. Develop all applications for mobile which works on mobile server for the users.

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