



# IJRASET

International Journal For Research in  
Applied Science and Engineering Technology



---

# INTERNATIONAL JOURNAL FOR RESEARCH

IN APPLIED SCIENCE & ENGINEERING TECHNOLOGY

---

**Volume: 6      Issue: III      Month of publication: March 2018**

**DOI: <http://doi.org/10.22214/ijraset.2018.3289>**

**[www.ijraset.com](http://www.ijraset.com)**

**Call:  08813907089**

**E-mail ID: [ijraset@gmail.com](mailto:ijraset@gmail.com)**

# Survey on Security of Hostel Inmates

Prof. Mrs. Jyotsna Gabhane<sup>1</sup>, Nimisha Deshmukh<sup>2</sup>, Ashwini Kangale<sup>3</sup>, Shantanu Sahu<sup>4</sup>, Rushikesh Paunikar<sup>5</sup>, Rakshit Taksande<sup>6</sup>

<sup>1</sup>Asst. Prof. Comp Tech PCE, Nagpur.

<sup>2, 3, 4, 5, 6</sup>All UG Students, Department of Computer Technology, Priyadarshini College of Engineering, Hingna, Nagpur.

**Abstract:** *Women's safety is one of the largest concerns in India. Every time we turn on the news channel or pick up a newspaper, we learn of a different woman who was murdered, raped, beaten up or fallen victim to an acid attack. In such a country, where even getting on the bus without being groped is difficult, the simplest of measures make a large difference.*

*Police launched the Buddy Cop to help working women feel safer. This system basically makes use of WhatsApp to connect police officers to women in an attempt to help them reach out to someone in the fastest way possible. Here's how it works: Whoever wishes to be a part of the Buddy Cop initiative registers at their nearest police station. They are added to a WhatsApp Group of the same police station. The admin of each group is your buddy cop and can be contacted at any time. If the particular cop is off duty, they he/she can assign someone else to you, thus making the service available 24/7. If help is needed in a different area, which is not under the jurisdiction of your buddy cop, they inform the police station nearest to you and send someone for help.*

**Keywords:** *Girls Hostel Security, Crime against Women, Nagpur safety*

## I. INTRODUCTION

On the maps of Maharashtra, Nagpur is going to be the next educational hub. This means hostels are going to be on one of the highest priority. Hostels come with large responsibility, specially, girls hostel[1]. For enhancing the security, Maharashtra police has initiated a project "BUDDY COPS" which will be focusing on the security of inmates of female hostels. With the police department is ready to introduce this system for all the girls hostel in the city, the girls can share their problems and security dilemmas with the friends in khaki, that is, lady police officers. Accordingly, if there are any crimes or complaints registered, higher police authorities will take action against the suspects. The data can be used for observation purpose later, for example, for analysing the ups and downs in crimes and complaints. "There is one universal truth applicable to all countries, cultures and communities: violence against women is never acceptable, never excusable, and never tolerable" [2]. The report of WHO states that. "A violence act against female gender disturbed the public health life of society and also it violates the human rights of women." [3]. Talking about United States There are approximately 14,000 police departments, 3000 sheriff's offices, more than 6000 911 centers, 65+ fusion centers, 1.2 million employees in city, county, state, and Federal law enforcement, and 800,000 working in the private security sector in the United States [6]

## II. EXISTING SYSTEM

The paper [4] proposes a SCIWARS app (Spy Camera Identification and Women Attack Rescue System) which consist of two modules. The first module is the intelligent alert system which detect the infrared rays coming from the night vision hidden cameras placed in charging rooms and inform the user about unsafe places by means of message. It is now the users responsibility to register a complain about it or now by forwarding the message to the nearest police station. The second module will help the victim by pressing any button continuously which will provide the help to the victim from physical attack in any kind of unsafe condition. It sends a message with location attached with it. It also records the voice and takes the picture for some time. The information is stored in mobile for the future usage. The app is also capable of converting the victims mobile from silent mode to ringing mode. The paper [5] proposes an android app to provide security at two different situations as follows. The First module provide security to Women at Emergency Situations propose a Save Our Souls (SOS) app to provides the security on a single click of SOS button for the women travelling at night or alone. In this app there is no need to unlock the screen just by hitting the power button the application will run in the background, to send the message with location attached with it to the registered contact in the application. This app informs the user about an attempt of intrusion activity at home through a message and a feedback SMS triggers an alarm in the house. The minimum requirement is the android mobile with the hardware embedded with a switch and GSM model which are connected to the doors. When someone tries to open the door it will sound an alarm.

The paper [7] proposes the women security device called as “Suraksha” which is an easy to operate device. The device can be activated by the voice command press a switch key and shock. In any kind of emergency situation it will send a message attached with location to the nearest police station. Work is done to embed the system in mobile and other carrier like belts etc.

### III. LITRATURE SURVEY

There are approximately 90 girls hostels from which 29 are government and rest 61 are private hostel are currently being served by buddy cops. Buddy cops was initially conceptualized by Pune police for women employee for IT sectors because of some security incidents [1]. But later it was found most of them were hostelites or teenagers. Therefore Nagpur police deployed this project for hostel girls in Nagpur.

The system of buddy cops is being introduced in the city so as to keep growing number of working women and college going students safe. Buddy cops project has planed to assign at least two lady constables for each hostel. From the survey it was observed that some women issues can't be shared with their wardens or friends. This is where buddy cops will provide a platform for those who need help. who all will be supported with security. All the girls staying away from the home and feel unsafe now can now share their with new khaki people, that is, constables. The Buddy Cop system is currently active in police stations that fall under Zone I and II of the Nagpur Police, including stations from Wadi, Ambazari, Shankarnagar, Dharampet, Pratabnagar, chatrapatti, Bardi, Khambla, and Ravi Nagar to name a few. The plan is to extend this service to the entire city and make all women feel safer. We can see that technology has touched many spheres of our lives in India. There is technology in business, in education, in socializing and maintaining human relations, in purchasing, in agriculture, in banking, communication, and almost every part of our lives. This intrusion of technology has aided the work in all these sections, and has proved beneficial, and time and effort saving. The only major part of our society that still remains majorly devoid of this luxury is the Indian Police Department. The Indian Police Department has ever since remained manually driven for most of its routine chores. The officials have been adopting the basic fundamental methods of carrying out the proceedings with the traditional “pen and paper” method being highly prevalent. These traditional practices were comfortable in earlier days, when population was far less, and the women hostels were also comparably minimal. But in today's India, when the women are becoming independent and stepping out of the home and becoming independent, it has become a very tedious task to provide the security to all the hostellites and all their related problems, manually. Digitization in Police department is the need of the hour.

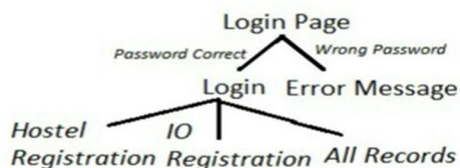


Fig 1: Flow of the Web Site

### IV. PROPOSED SYSTEM

Our proposed system will consist of web site which will hold the information about the hostels and the inmates and all the information about the investigation officer (IO), all the complaints given by the hostel inmates. In case of new entry of Hostel there will be a button to make an entry of hostel and other information. And same goes for new officers entry. There will be a button to print all the records. We will also be able to print records according to date. When adding a new hostel, the user will have to provide numerous information like the name of warden, her contact information, managerial information and its contact. After entering the persona information, furthermore information can also be provided such as whether the CCTV cameras are working or not, whether there is proper sanitation facilities. The hostels and the IO officers can be categorized according to different zones of the city.

The number of pages in the system are fairly simple. There will be a total of 4 pages. The first page will check the authenticity of the user. The user has to provide a username password combination to visit the further webpages. After the login, the user will be able to able to add a new hostel or IO officer, he can view the information about all present records or print them according to a specific date.

The main technology to be used is PHP, HTML, CSS and to maintain the data base we will be using Hostinger

#### A. *Php*

PHP is used as a general purpose programming language which is a server site scripting language used for designing of web pages. PHP stands for Personal Home Page. PHP code is always embedded in HTML code, and it can also be used in combination with web template system, web content management and web framework. Execution of PHP code can be done using command line interface.

#### B. *Html*

Hypertext Markup Language is used to design web pages and web applications. It is a standard markup language. Web server receive HTML documents from web server. The building block of a HTML page is HTML document. HTML pages are developed using various tags embedded into angular brackets.

#### C. *CSS*

Cascading Style Sheets is used to describe the document written in the markup language. It is style sheet language. It is used to give a visual effect to the web page. Its user interface is written in HTML or XHTML. It is used for various aspects like layout color and font.

#### D. *Hostinger*

It is web hosting tool. It provides fast, stable web hosting at a very low price. Hostinger focuses on shared hosting and scalable virtual private servers. It is packed with helpful tools and is provided with top rate control panel. It provides unlimited and unmetered web hosting.

#### E. *Why Buddy Cops?*

Now a days we are continuously surrounded by technology. Technology is everywhere it is in business, in banking, in education, in shopping then why not in Police Department so to make right use of the technology Buddy Cops was suggested by Police Department. Until now Police Department was using manual data to complete their requirements. Police Department were using regular "pen and Paper" to accomplish their jobs. So to overcome this time consuming thing Buddy Cops was developed. Also in today's India women are becoming more self dependent to provide safety to women police need to do the survey in Girls Hostels. Digitalization is also needed in Police Department.

## V. CONCLUSION

This website will help in finding the problem faced by women in hostels. This will also keep record of the hostels and officers.

## REFERENCES

- [1] Nagpur Available from: Hindustan Time Accessed on 19 september 2017, 06:11 IST. Nagpur Available from: Times of India Accessed on 25 March 2017, 06
- [2] Report of the Fourth World Conference on Women. New York, United Nations, 1995
- [3] (A/CONF.177/20/Rev.1)(<http://www.un.org/womenwatch/confer/beijing/reports/>, accessed 1 April 2013).
- [4] World Health Organization, "Global and regional estimates of violence against women: prevalence and health effects of intimate partner violence and nonpartner sexual violence, Geneva: WHO (2013).
- [5] Vaijayanti Pawar, Prof. N.R.Wankhade, Dipika Nikam, Kanchan Jadhav and Neha Pathak, "SCIWARS Android Application for Women Safety", Department of Computer Engineering, Late G.N.S.COE Nasik India, ISSN: 2248-9622 International Journal of Engineering Research and Applications Online at the link [www.ijera.com](http://www.ijera.com), Volume 4, Issue 3 (Version 1), pp.823826, March 2014.
- [6] Bhaskar Kamal Baishya, "Mobile Phone Embedded With Medical and Security Applications", Department of Computer Science North Eastern Regional Institute of Science and Technology Nirjuli Arunachal Pradesh India, e-ISSN: 2278-0661 p- ISSN: 2278-8727 IOSR Journal of Computer Engg (IOSR-JCE) [www.iosrjournals.org](http://www.iosrjournals.org), Volume 16, Issue 3 (Version IX ), PP 30-3, May-Jun. 2014.
- [7] Draft Report and Rec. of the Visiting Committee on Advanced Technology of NIST, "Desirable Properties of a National Public Safety Network," NIST, Ed., 2011.
- [8] Nishant Bhardwaj and Nitish Aggarwal, "Design and Development of "Suraksha"-A Women Safety Device", Department of Electronics and Communication ITM UNIVERSITY Huda Sector 23-A Gurgaon Delhi India, ISSN 0974-2239 International Journal of Information & Computation Technology online available at <http://www.irphouse.com>, Volume 4, pp. 787-792, November 2014.



10.22214/IJRASET



45.98



IMPACT FACTOR:  
7.129



IMPACT FACTOR:  
7.429



# INTERNATIONAL JOURNAL FOR RESEARCH

IN APPLIED SCIENCE & ENGINEERING TECHNOLOGY

Call : 08813907089  (24\*7 Support on Whatsapp)