WOMEN'S SAFETY

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Abstract – In today's world Victimization sensible phones having multiplied chop-chop and thence sensible phone may be used expeditiously for private security. A bunch of latest apps are developed to produce a security system to girls via their phones. per the reports of World Health Organization NCRB Social Government Organization thirty- fifth girls everywhere the planet square measure facing a great deal of unethical Physical Harassment publicly places like Railways, Bus- stands and pathway, etc. during this Paper, We have got reviewed of assorted existing systems on women security. We have got fade a requirement of advanced girls security system to provides the safety live publicly places likewise as travelling alone through public trans- ports such as college Buses, Company Vehicles etc. This paper projected a brand new model for the women security publicly places that aims to produce the most popularly-liked for this mode of dominant in this application we square measure maintaining a switch. We offer numerous varieties of ways to access .

*Key Words***:** Safety and Security, Harassment ,Kill ,Raped, Emergency.

1.INTRODUCTION

Assaulting women has become a trend nowadays, and it's high time for women to take their security and safety in their hands. In modern era, women should have self-efficacy

"having the confidence in one's ability to deal with a situation without being overwhelmed". Self-efficacy reflects confidence in the ability to exert control over one's own motivation, behavior, and social environment".
Encouraging women to travel anywhere in the day or night without any worry is the main motive. The idea is to predict the safe route and render the hindering measures for the women.

In order to confront the assertible crime situations and display the route with the rate of crime at the selected route. Hence, allows women to avoid certain places of special crimes.

2. Problem Statement

The main functionality of the app is, at first user has to make sure that the app is on when she steps out. Whenever any unfortunate event occurs, she has to press SOS for starting the main function of the app. After starting the main function, it will send emergency message with victim's current location to the registered contacts. And also, it will make a call to the helpline number. The app can do live streaming so that the registered contacts can see the victim's current location time to time.

ALGORITHM

Step 1: START

Step 2:User Registration Then fill all required
           fields
             a) Personal Details   b) Contact Details c)
                   Voice and Keyword setup
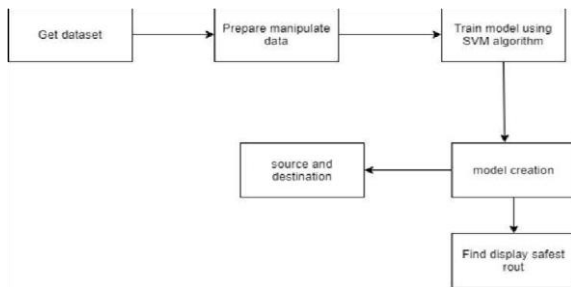
Step 3: Log In If (New User) Then go to
    Step 2 Enter user name and password If (Field is empty) Then throw warning If (Field is not valid) Then throw warning If (matches) Open the home page and start the session Switch (option) If
         (method1==" working")   Then proceed to execution Else if (method2==" working")   Then proceed to execution Else Start working by method3 .

    Step 4: If Then the mail will be added to pre stored messages.

    Step 5: After that, it will generate the location and sends it to registered contacts along with pre-stored messages.

Step6:
END

The performance of the functions and every module must be well. The overall performance of the software will enable the users to work ecciently. Performance of encryption of data should be fast. Performance of the providing virtual environment should be fast Safety Requirement. The application is designed in modules where errors can be detected and xed easily. This makes it easier to install and update new functionality if required.

Our software has many quality attribute that are given below:-

Adaptability: This software is adaptable by all users.

Availability: This software is freely available to all users. The availability of the software is easy for everyone

Maintainability: After the deployment of the project if any error occurs then it can be easily maintained by the software developer.

Reliability: The performance of the software is better which will increase the reliability of the Software.
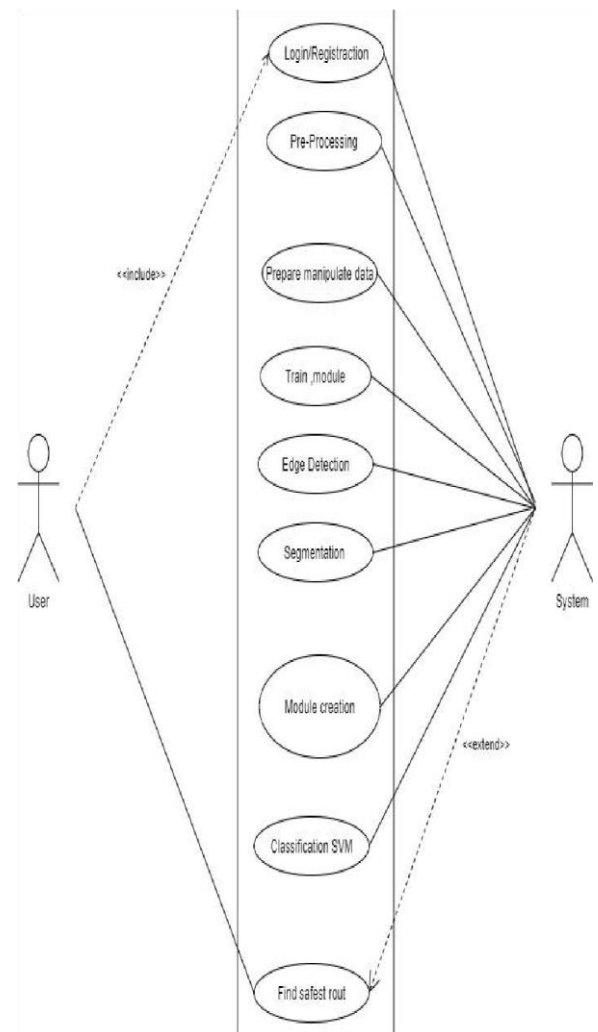
User Friendliness: Since, the software is a

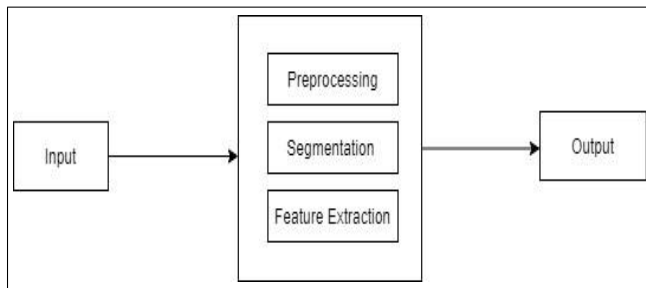GUI application; the output generated is much user friendly in its behavior.

Integrity: Integrity refers to the extent to which access to software or data by unau thorized persons can be controlled.

Security: Users are authenticated using many security phases so reliable security is provided.
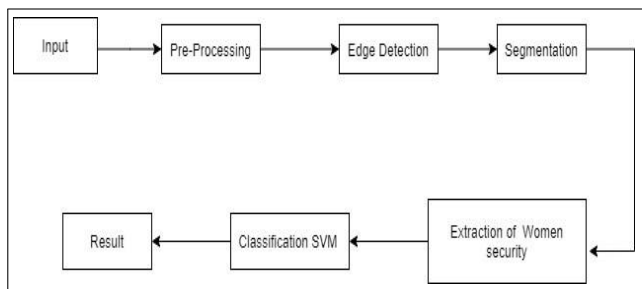
Testability: The software will be tested considering all the aspects.

Use Case Diagram
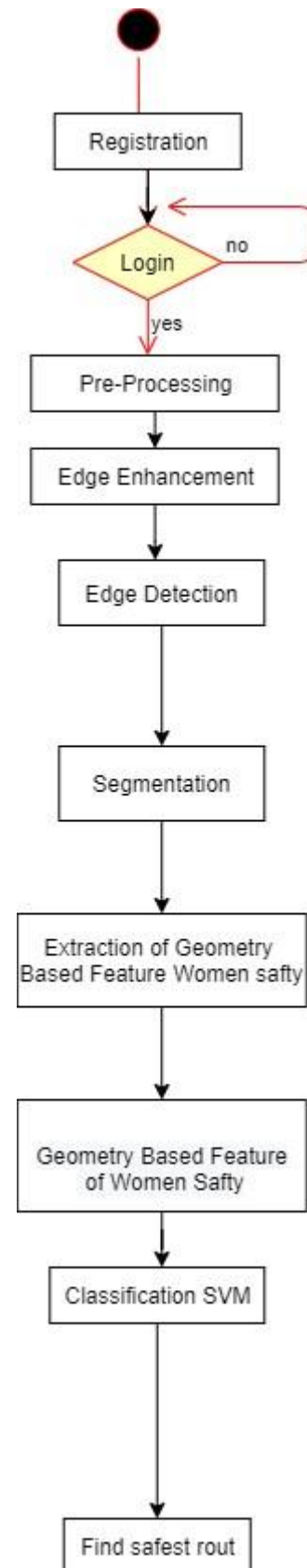
Data flow Daigram

Data flow Daigram

In Data Flow Diagram, we Show that flow of   data   in   our system in DFD0 we show that base   DFD in which rectangle present input as well as output and circle show our system, In DFD1 we   show actual input and actual output of system input of our system is text or image and output is rumor detected like wise in DFD 2 we present operation of user as well as admin.

Unified Modeling Language is a standard language for writing software blueprints. The UML may be used to visualize, specify, construct and document the artifacts of a soft- ware intensive system.   UML is process independent, although optimally   it should be used in process that is use case driven, architecture-centric, iterative, and incremental. The Number of UML Diagram is available.

Activity Diagram

CONCLUSIONS

Women safety in India is widely discussed everywhere nowadays. It has now become a major issue. The crime rate is on the spike. Women are neither safe outside nor at home. Women travellers from other countries are also in a dubious state while thinking about coming to India. However, this fear cannot keep them away from any kind of social activity. There are laws but there should be proper safety measures which we have to follow strictly to protect the women from violence.

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REFERENCES

1 World Health Organization, Global and Regional Estimates of Violence against http://apps/who/int/iris/bitstream/10665/85239/1/9789241564625 eng.pdf,p.2

2 National Crime Records Bureau (Ministry of Home
   Affairs), "Crime in India 2012 Statistics," Government of India Press, June 2013.

3 Dhruv Chand, M.; Sankaranarayanan, S.; Sharma, C., "Project Jagriti: Crowd- sourced child abuse reporting," Global Humanitarian Technology Conference (GHTC)

4 B.Chougula, "Smart girls security system,"
   International Journal of Application or Innovation in Engineering Management, Volume 3, Issue 4, April 2014.

5 With V Gumrah Initiative on the google play store: https://play.google.com/store/apps/details?

6 Nirbhaya: Be Fearless: http://www.nirbhaya.mobi.
   Accessed 2015-06-01. International Labour Organization, 2012, "ILO Global Estimate of
   Forced Labour: Results and Methodology," p. 14, Geneva.