



# EMERGENCY NOTIFICATION SYSTEM (ENS)

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# ENS Overview

- An **emergency notification system** refers to a collection of methods that facilitate the one-way dissemination or broadcast of messages to one or many groups of people “notifying” or alerting a group of individuals of pending or existing emergency situation.
- In a time critical situation (**Specially for Women Safety**) we need reliable notification system which is easy to use and manage, whose communication methods are highly portable to our day today requirements
- This developed prototype ENS satisfy all needs of such emergency situation.

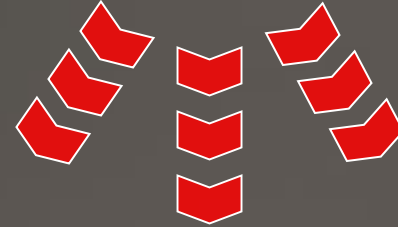
# ENS core workflow



# ENS core workflow cont..



One can trigger emergency by calling a particular number (**call triggered**) or sending SMS for that emergency and set **the emergency message on fly**.



Priority



# Features and benefits of ENS



# How to use

- To use the developed prototype
  - Note: Must ensure, DND is not activated on your number as well as on all emergency numbers.
    - User has to first register their first name and 3 emergency numbers
      - Either by Sending an SMS
      - Or visiting to ENS portal (Remember Twitter based authentication required)
    - Registration via SMS
      - Type a new SMS, Format should be "HACKAR REG YourFirstName Number1 Number2 Number3" and send it to "09227507512" ,
        - Please add "o" before all emergency mobile/landline numbers.
        - Example – "HACKAR REG Arun 08904111111 07979123456 07070654321" and send it to "09227507512".
        - If registration done, you will receive a confirmation message. In case of failure, it will ask you to resend the SMS by following the above SMS format.

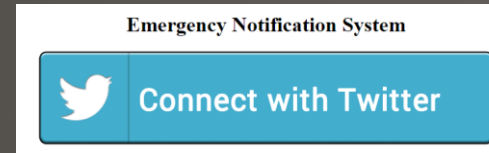
# How to use contd..

- Contd..
  - Create Emergency conference via SMS
    - Type a new SMS, Format should be "HACKAR CNF Number1 Number2 Number3 NumberN" and send it to "09227507512" ,
      - Please add "o" before all emergency mobile/landline numbers.
      - Example – "HACKAR CNF 08904111111 07979123456 07070654321 07070654321" and send it to "09227507512".
      - If message format is correct, It will dial to all numbers and will bring to a single virtual conference where all can discuss over the phone and share about problems.
  - Registration via portal (Assumed, user has a twitter account)
    - Visit to <http://ec2-52-34-119-27.us-west-2.compute.amazonaws.com/ENS/>
    - Click on Connect with Twitter button.
    - It will redirect to Twitter authentication portal, Login with your twitter user id and password. (note: this ENS portal is not collecting any your personal data, it is using for authentication)
    - On successful login, Twitter.com portal will redirect to ENS dashboard portal.



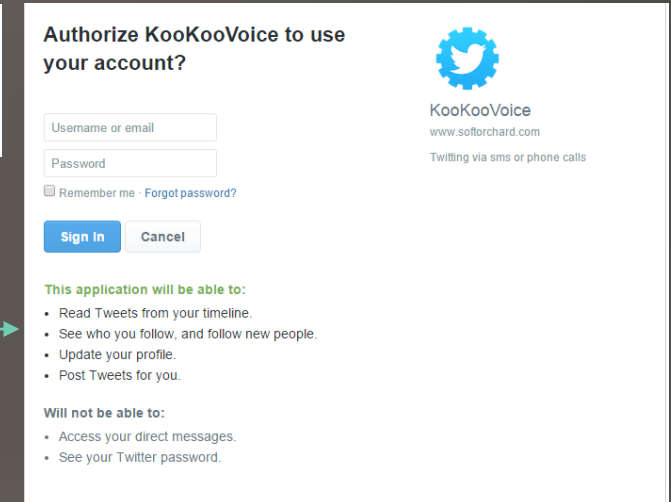
# How to use contd...

- Contd..
  - Portal Registration contd..
    - In dashboard, there is option to Update your mobile number And your emergency numbers.
    - Fill the details and **Update** it.
    - Once done, you may logout from the portal.
- How to trigger the emergency broadcast
  - From your registered number call to "08025149732".
  - IVR will receive the call and it will ask you to Record your emergency message after the "beep" sound. Say your message and wait for few seconds to disconnect the call.



Home page

Twitter Login



Dashboard

# How to use contd..

- How to trigger emergency contd...
  - After disconnecting the call, ENS will check for your identity, if your registration details found
    - It will dial to all your emergency numbers at same time and on receive of call, it will play your recorded voice message and ask them to take necessary action.
    - It will send your registered details via an SMS to all emergency numbers saying your are in trouble.
    - Also, if you have authorized the ENS portal to access your twitter account, it will post recorded message to your Twitter wall.
- It can be also integrated with other Social Networking site like "Facebook", "Slack" and has many things to enhance and improve but due to time constraint, Only Twitter has been integrated and limited features has been implemented.

# THANK YOU

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