

NJUNA:
An Emergency
Response
System Against
GBV

BY
KIBIRIGI RACHEL
KOBE INSTITUTE OF COMPUTING



OUTLINE

- Introduction
- Problem Statement
- Proposed Solution
- Impact
- Limitations
- Conclusion



DEFINITIONS

Gender Based Violence(GBV) is violence directed against a person because of that person's gender

Violence against women(VAW)– any act of GBV that results in physical, sexual, or psychological harm or suffering to women, whether in public or private life – United Nations



THE 4 TYPES OF GENDER BASED VIOLENCE:

control arms

#ARMSTREATY #CSP5

SOURCE: WILPF



**PHYSICAL
VIOLENCE**



**SEXUAL
VIOLENCE**



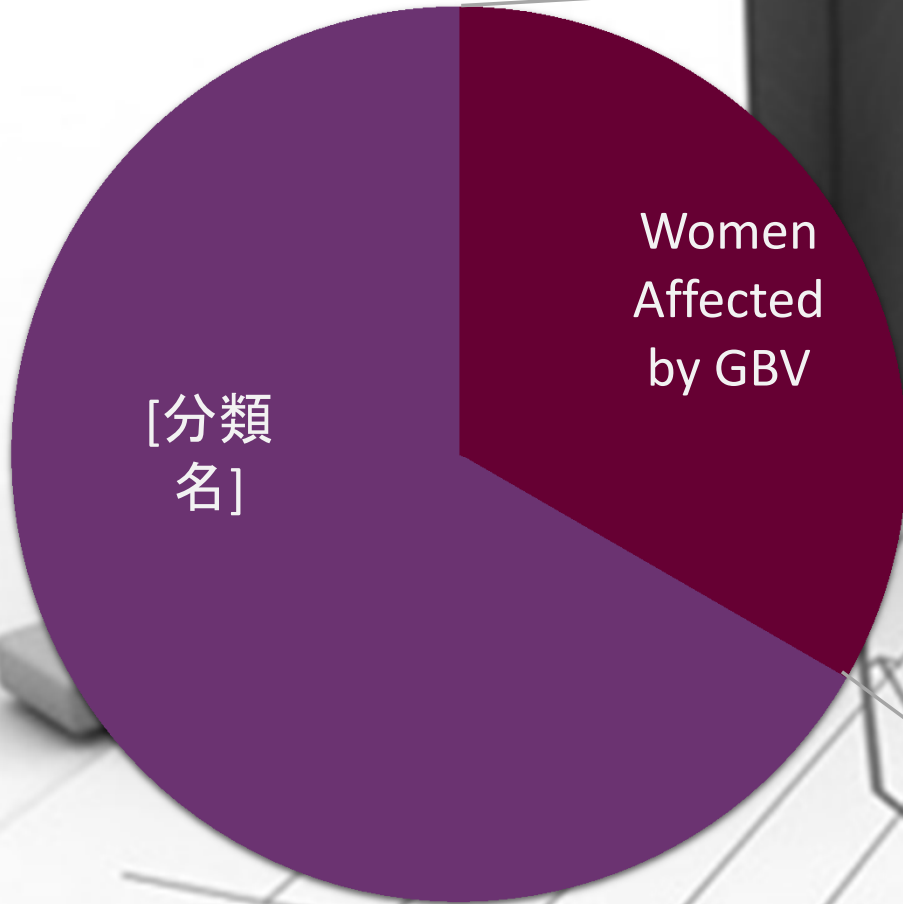
**EMOTIONAL &
PSYCHOLOGICAL
VIOLENCE**



**SOCIOECONOMIC
VIOLENCE**

IONA

1 in 3 women are affected by GBV



Of women experience physical or sexual violence



Of women are sexually assaulted by someone other than a partner



Of women murders are committed by an intimate partner

ONNA

CAUSES:

Social norms
regarding
gender roles
and
acceptability of
violence



EFFECTS:

devasting for survivors of
violence and their families

Significant social and
economic cost: up to **3.7%**
of the GDP more than
double what most
governments spend on
education

Possible solution

TANKYU CHART

Problem identified

Increasing cases of Violence Against women (Domestic violence, rape, kidnap, murder)

Prevent and reduce GBV through use of responsive and timely emergency response system for victims in danger

Business Model

Technologies

Human Resources

Crowd funding
Ministry of Gender
UNWomen

SMS
Python
Sensors, IoT
Arduino Nano, smartpone

KIC Student, Supervisor,
Community, Police,
Women

NJUNA PANIC BUTTON AND NJUNA APPLICATION

Panic Button Device for Emergency:

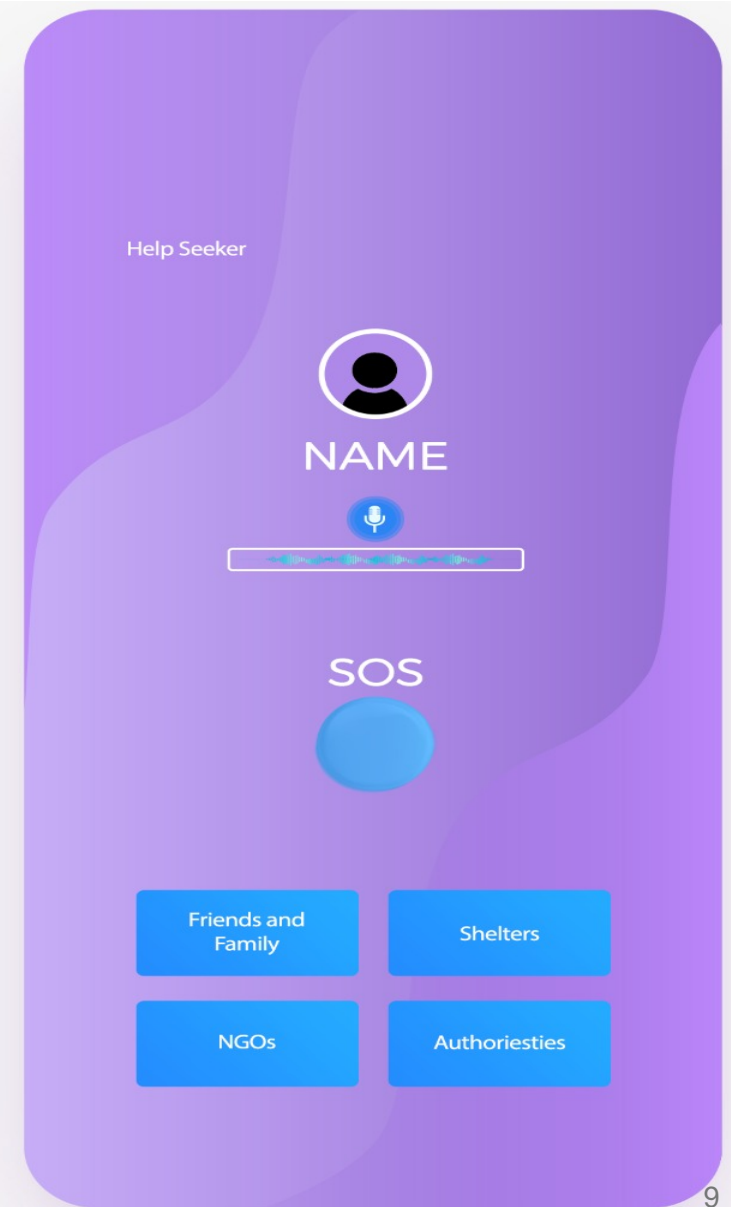
- Uses GPS technology for real time location tracking.
- Push button and audio recording
- Camouflage appearance.
- Create a network of trusted community members to act as first responders.
- Preprogrammed numbers.



NJUNA APPLICATION

Mobile application Features:

- Identify possible harassment spots.
- Mobile application has sexual assault, rape and abuse help center numbers pre-installed.
- Application is also an awareness and precautionary measures platform



NJUNA IMPACTS

- Reduce overall GBV cases
- Raise awareness and Educate citizens on GBV.
- Foster a community where women feel safe to participate in different activities with no fear of GBV.
- **Change people's perspectives towards harmful gender norms.**
- **Promote Gender Equality.**



**STOP
GENDER
VIOLENCE**





**STOP
GENDER-
BASED
VIOLENCE**

QUOTE

There is strength in numbers. Together we can end Gender Based Violence.

THANK YOU FOR YOUR TIME
ありがとうございます