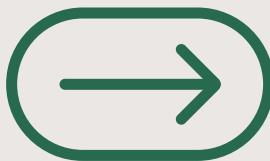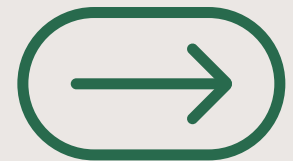# Women's Safety Website and Device

Ensuring women's safety in public and private spaces remains a critical concern. This website and device aim to provide real-time emergency assistance, location tracking, and community support to enhance security. Integrating AI and user-friendly features empowers individuals with immediate alerts, trusted contacts, and preventive measures to foster a safer environment.

SheCare

PROPOSED SOLUTION

- The proposed solution is a website and a device that enhances women's safety by integrating advanced features like one-click SOS alerts, real-time location sharing, and emergency contact notifications.

- The web and device should allow users to instantly alert family members, friends, or authorities with their location in times of distress. It can also offer features such as community safety alerts to notify users of dangerous areas nearby, and discreet activation options to ensure users can request help without drawing unwanted attention.

- This website aims to empower women with a reliable, easy-to-use tool that helps them feel secure and connected, enabling proactive measures for their personal safety while providing emergency assistance when needed.

→

Objectives of Website

01 Emergency Response and Real-Time Assistance:

Providing users with a prompt and dependable emergency response system is the main goal of the human safety application.

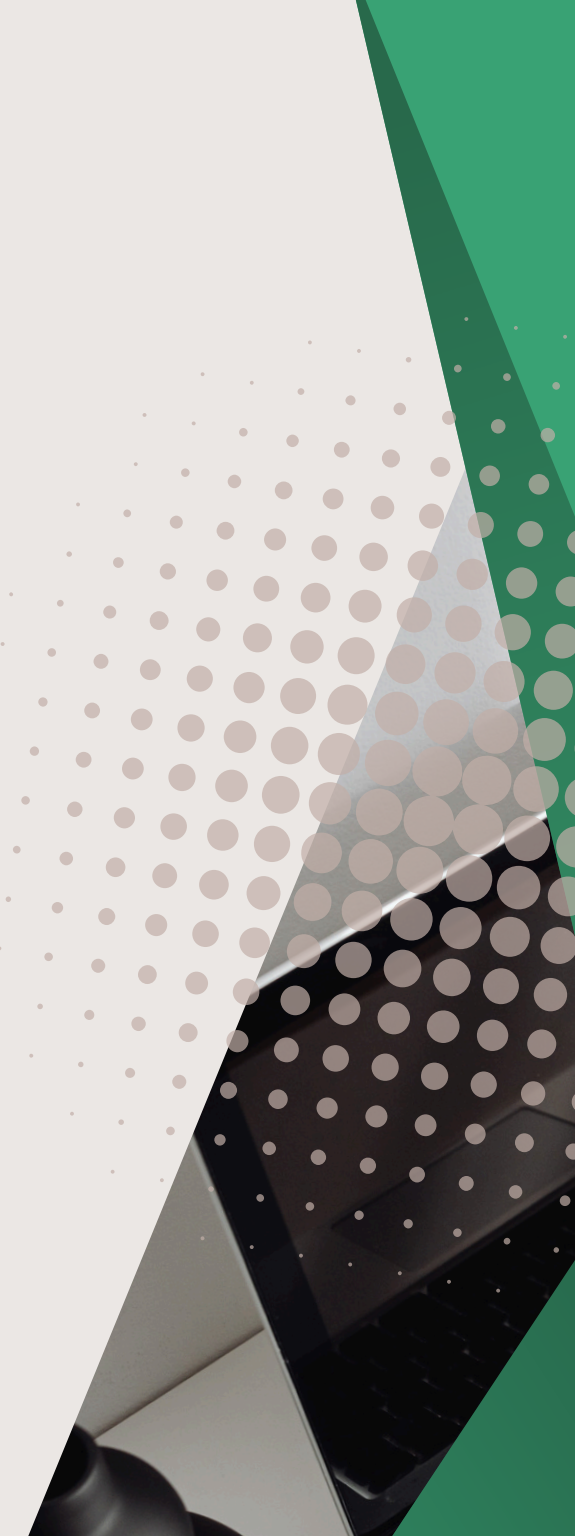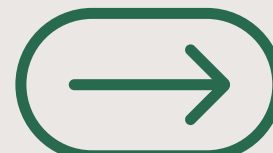**02 Environmental Monitoring and Proactive Safety Alerts:**

Another important goal is to improve users' situational awareness through environmental monitoring and proactive safety alerts.
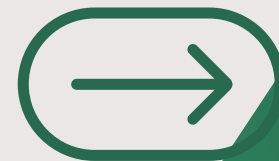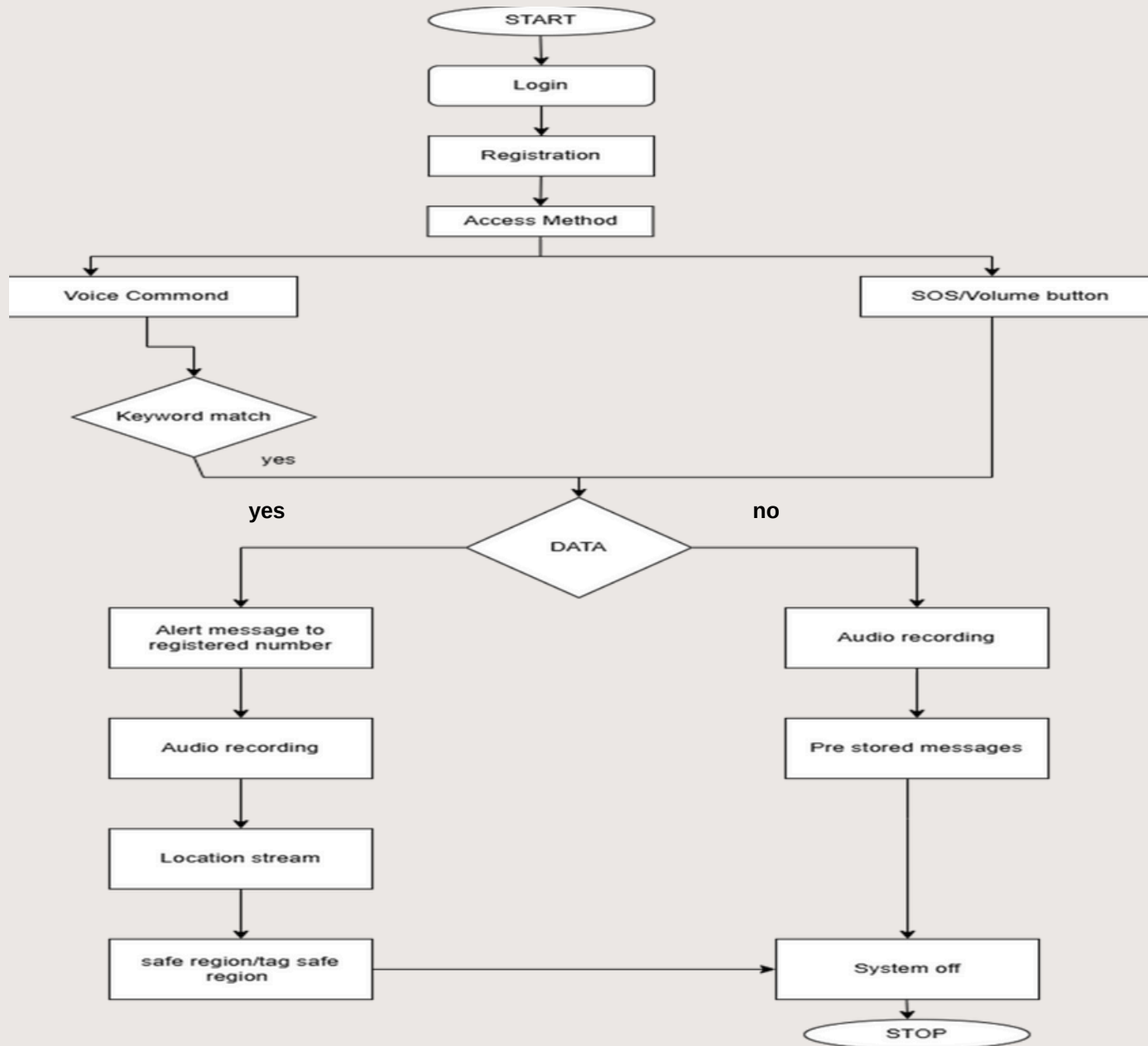
03 Health Support and Safety Instruction:

The application will also prioritize offering thorough safety instruction and health support. Features including first aid advice

Unique Features

- **One-click SOS Alert**
- **Real-time Location Tracking**
- **Emergency Service**
- **Integration**
- **Community Safety Alerts**
- **Safety Route Mapping**
- **Personal Safety Toolkit**
- **Incident Reporting**

FLOW CHART

Technology stack and Feasibilty

TECH STACK

Hardware STACK

- **Arduino** (for controlling all devices and circuits)
- **GPS Module**(enabling real-time location tracking and emergency alerts).
- **Simcom 800L**(used for wireless communication in IoT and security applications)

FEASIBILITY

- **GPS & Location Tracking**
- **Panic button**
- **User Authentication and Privacy**
- **Hardware device for gesture detection**