

# Project Overview: Ai-lert - Accessible Emergency Response Powered by AI

## Overview

**Ai-lert** is a multilingual, AI-powered emergency support platform that allows citizens to report incidents using **USSD**, **WhatsApp**, and **SMS**, making emergency response accessible even to individuals in low-connectivity or low-literacy communities.

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## The Problem

Many Nigerians, especially in rural or underserved areas, face life-threatening emergencies without access to timely help due to:

- Lack of internet or smartphone access
- Complex complaint/reporting procedures
- Language or literacy barriers
- Non-responsiveness from authorities despite submitted complaints

These barriers often lead to **delayed or no action**, resulting in lost lives and trust in public systems.

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## Our Solution

**Ai-lert** bridges the gap between distressed individuals and emergency response teams by:

- Enabling **instant incident reporting** via USSD, WhatsApp, or SMS
  - Using AI to **auto-translate**, **categorize**, and **prioritize** reports
  - Routing complaints directly to the right authority in real-time
  - Providing **follow-up updates** to users automatically
  - Supporting voice prompts for non-literate users
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## Target Users

- People in rural areas with no smartphones
  - Vulnerable populations (elderly, non-literate)
  - Citizens facing emergencies (fire, theft, health, domestic violence, etc.)
  - Local authorities and emergency responders
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## Technology Stack

- **Natural Language Processing (NLP)** for language detection and translation
  - **AI classification models** to categorize urgency
  - **WhatsApp Business API / USSD Integration**
  - **Cloud database** for real-time report storage and routing
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## Impact

- 80M+ Nigerians without internet access can now report emergencies
  - Scalable across Africa and other low-access regions
  - Encourages civic trust by improving emergency response time
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## Scalability

Ai-lert is built to adapt:

- Easily expandable to cover more services (flood warnings, electoral violence, etc.)
  - Can be white-labeled for governments or NGOs
  - Supports integrations with first responders' dashboards
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## Vision

To create a future where **every cry for help is heard, processed, and acted upon instantly**, regardless of location or literacy.

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