

SafeWeb – Multilingual TFGBV Digital Safety Toolkit

Concept Note

1. Introduction

SafeWeb is a multilingual digital safety toolkit created to help users detect, understand, and respond to Technology-Facilitated Gender-Based Violence (TFGBV). The tool brings together risk detection, reporting workflows, chatbot support, awareness resources, and personal safety planning in a single, accessible platform.

2. Problem Statement

TFGBV is a growing threat, especially among youth and women who frequently use digital platforms. Many lack the guidance and tools needed to recognise or respond to online harassment, threats, and privacy violations. SafeWeb addresses this gap by offering a practical, multilingual, browser-based toolkit that supports early detection, secure reporting, and survivor-centred guidance.

3. Project Goal

The overall goal of SafeWeb is to strengthen digital safety and resilience by empowering users to identify harmful online behaviours, document incidents, access clear guidance, and take informed steps to protect themselves. The toolkit supports English, Amharic, and Afaan Oromo to ensure broader community reach.

4. Key Components

- TFGBV Risk Detection Module
- Survivor-friendly Incident Reporting System
- Multilingual Support Chatbot
- Awareness & Learning Hub
- Personal Digital Safety Plan
- Voice Input & Text-to-Speech
- Optional Backend Email Notification to ELiDA

5. Target Users

SafeWeb is designed for Ethiopian youth, students, women and girls, digital rights organisations, counsellors, and community groups who need practical tools for online safety and TFGBV response.

6. Methodology & Approach

The system is implemented as a lightweight single-page web application using HTML5, CSS3, and JavaScript. Data is stored locally using browser storage to protect user privacy. An optional Node.js

backend allows incident reports to be forwarded securely to ELiDA. The design emphasises accessibility, simplicity, and multilingual support.

7. Expected Outcomes

- Increased awareness of TFGBV risks
- Better access to guidance and support
- Improved digital safety decision-making
- Streamlined reporting of online abuse
- Stronger personal safety planning among at-risk individuals

8. Ethical & Data Protection Considerations

User data is stored locally unless intentionally forwarded. Ethical considerations include minimal data collection, transparency, multilingual support, and survivor-centred design principles. Any backend integration must use secure communication and data protection standards.

9. Conclusion

SafeWeb provides an inclusive, practical, and scalable approach to addressing TFGBV. By integrating awareness, detection, reporting, and safety planning, the toolkit supports individuals and communities in navigating online risks and strengthens collective capacity to prevent and respond to digital forms of gender-based violence.