

HERGUARD

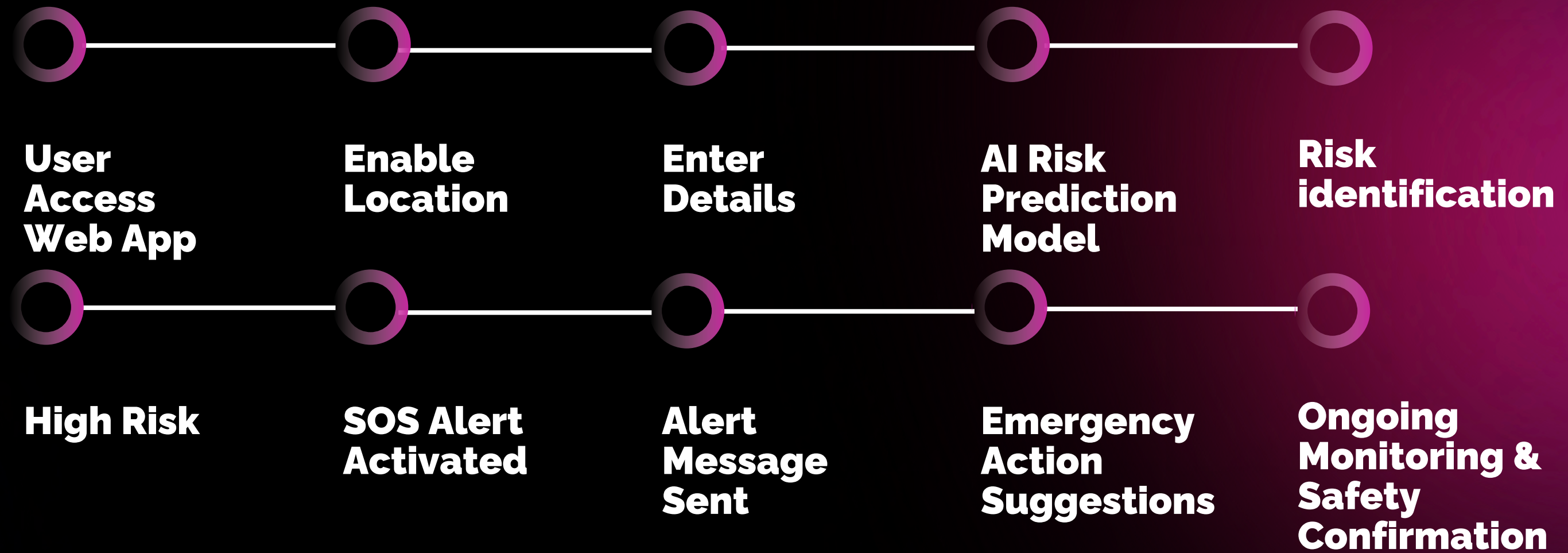
Ai that predicts danger
before it happens

About Herguard

HERGUARD is an AI-powered women safety system designed to predict potential risks and provide immediate emergency support. The platform analyzes factors such as location, time, and environmental conditions to classify safety risks into low, medium, or high categories. In case of high-risk detection, HERGUARD activates a one-click SOS alert, shares the user's location with trusted contacts, and provides actionable suggestions to ensure safety. This system is aimed at empowering women with proactive protection rather than reactive measures.

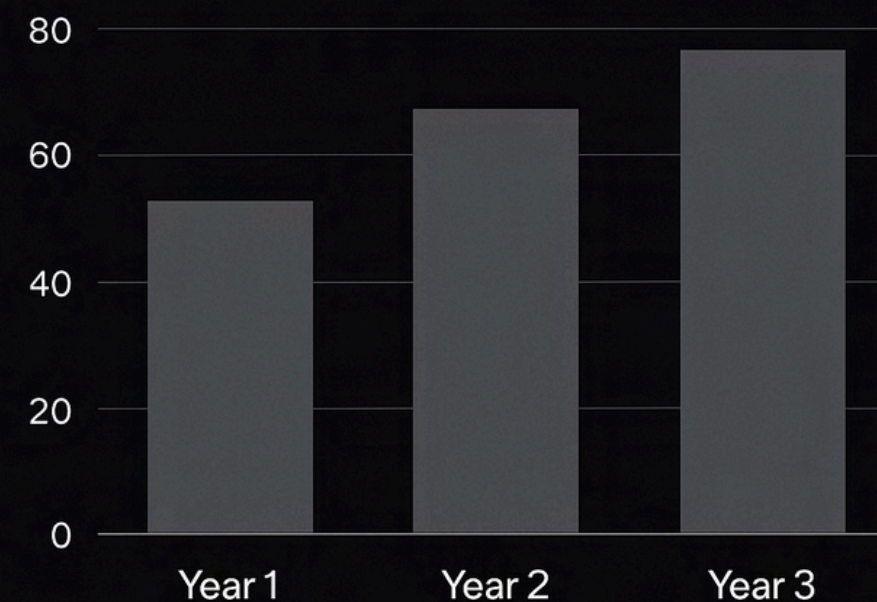


Safety Risk Prediction



Purpose & Overview

Women Feeling Unsafe at Night



Brief Overview

HERGUARD is an AI-powered women safety system designed to predict potential risks and provide immediate emergency support. By analyzing factors like location, time, and environmental conditions, it classifies risk levels into low, medium, or high. In case of high-risk situations, the system activates a one-click SOS alert, sends notifications to emergency contacts, and provides actionable safety suggestions

Purpose of The Presentation

- Proactively identify unsafe situations based on location, time, and environment.
- Alert trusted contacts and authorities through a one-click SOS mechanism.
- Provide actionable guidance to ensure the user's safety.



Risk Prediction



○ Increased Risk

Women often face increased safety risks due to factors such as isolated locations, late-night travel, lack of awareness about unsafe areas, and delayed emergency response. Certain situations or environments can heighten danger, making it critical to identify potential threats before they escalate.

In high-risk situations, it activates a one-click SOS alert, sends notifications to trusted contacts, displays emergency helpline numbers, and provides actionable safety suggestions. This ensures timely intervention, empowering women to take immediate protective measures before danger occurs.





SOS

The SOS feature in HERGUARD is designed to provide immediate emergency support in high-risk situations.

With a single click, the SOS button:

- Activates an alert message to notify emergency contacts
- Shares the user's live location for quick assistance
- Displays emergency helpline numbers for immediate help
- Provides actionable guidance to ensure safety until help arrives



Increased Safety Risk



SOS ALERT ACTIVATED

When a high-risk situation is detected or the user manually presses the SOS button, the system immediately activates the SOS alert. This triggers instant notifications to pre-registered emergency contacts along with the user's current location.

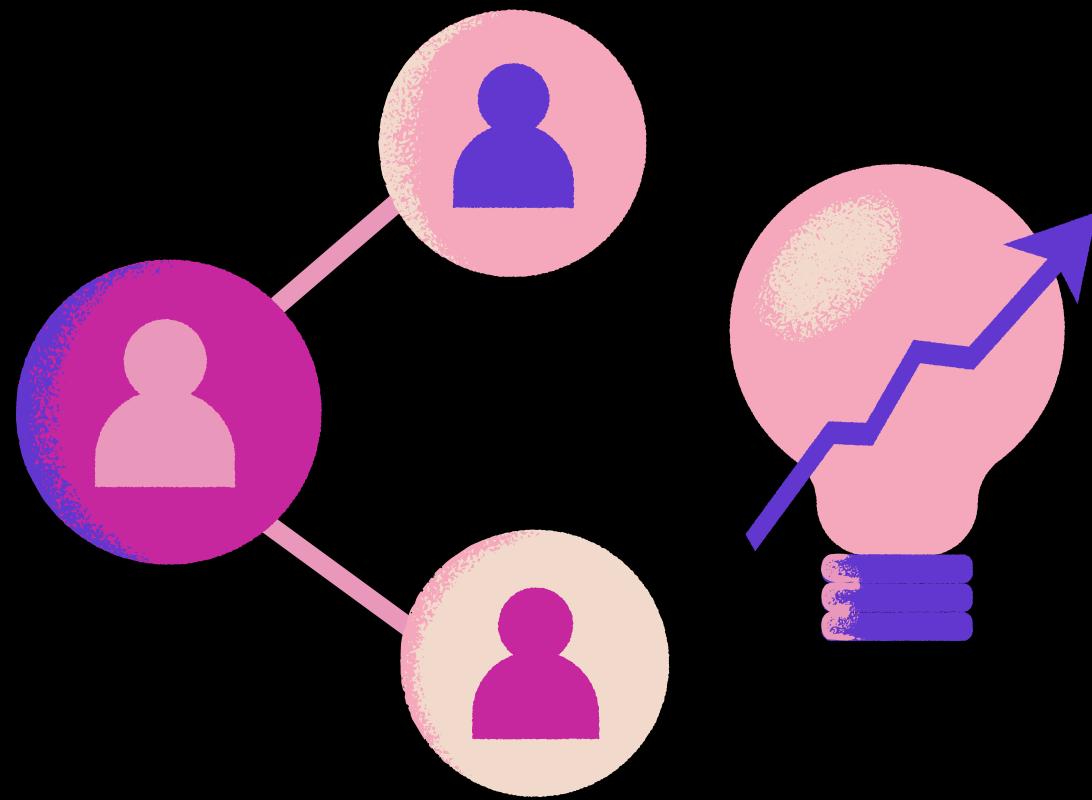


LOCATION TRACKING

The Location Tracking feature enables the system to access the user's real-time location (with permission) using GPS or browser-based location services. This information is used to analyze surrounding risk factors



HELPLINES



About Helplines

Emergency helplines play a crucial role in providing immediate assistance during unsafe situations. HERGUARD integrates important women safety and emergency helpline numbers to ensure quick access to help. When the SOS feature is activated, the system displays relevant helpline numbers and encourages users to contact authorities without delay. This reduces response time and ensures timely support during critical moments.

Helpline Numbers

- 112 – National Emergency Helpline
- 181 – Women Safety Helpline
- 100 – Police Emergency
- 1091 – Women Police Helpline



ADVANTAGES



Blog Post

Advantages of HERGUARD

- Proactive Safety: Predicts potential risks before incidents occur using AI-based analysis.
- Quick Emergency Response: One-click SOS alerts ensure immediate communication with emergency contacts.
- Accurate Location Sharing: Real-time location tracking enables faster and precise assistance.
- User-Friendly Interface: Simple and easy-to-use design suitable for all users.
- AI-Driven Decision Making: Smart risk classification improves reliability and effectiveness.
- Scalable System: Can be extended with mobile apps, live GPS, and official emergency integrations in the future.





PROJECT OUTCOME

- HERGUARD demonstrates how AI can be effectively used for women's safety.
- The system predicts potential risks and provides quick emergency assistance.
- Features like location tracking, SOS alerts, and safety suggestions improve response time.
- This project highlights the practical application of AI in solving real-world problems.
- The project focuses on prevention rather than reaction, helping users take safety measures before situations escalate.
- HERGUARD shows how technology can address real-world social challenges, making it a valuable and scalable solution for the future.

CONCLUSION



Thank You!

“HERGUARD aims to create a safer and more confident environment for women through intelligent technology.”

