

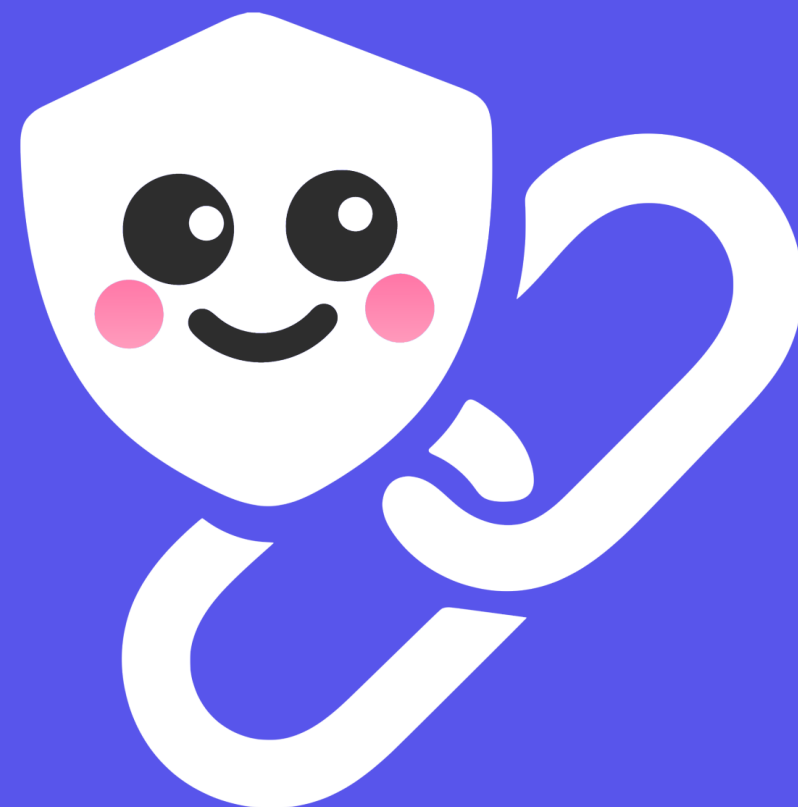


Sneaky Linky

Project number 15004116 | Web Applications

Paz Blutman, Omer Blau and Adam Kowen

Mentor: Amir Kirsh



The Problem

Phishing - Privacy and Data at risk.

- **User Behavior:** clicking links missing phishing signs.
- **Solutions Limitations:** often ignoring early threats signs.
- **Needed Solution:** making link-clicking feel safe.

Our Solution

Intercepts clicked links from messages.

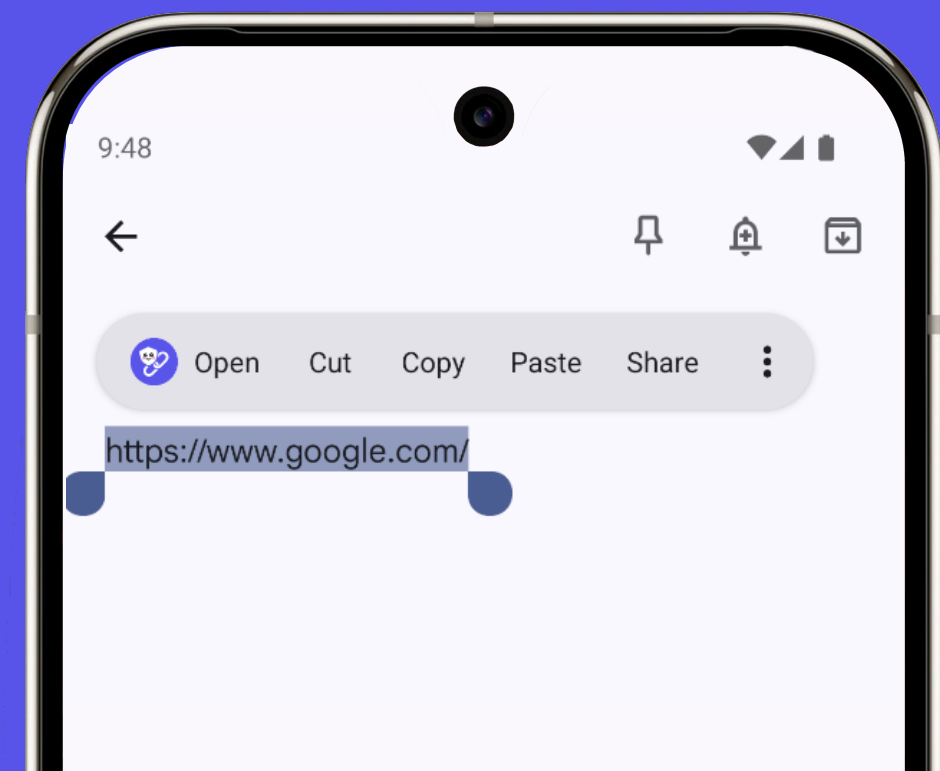
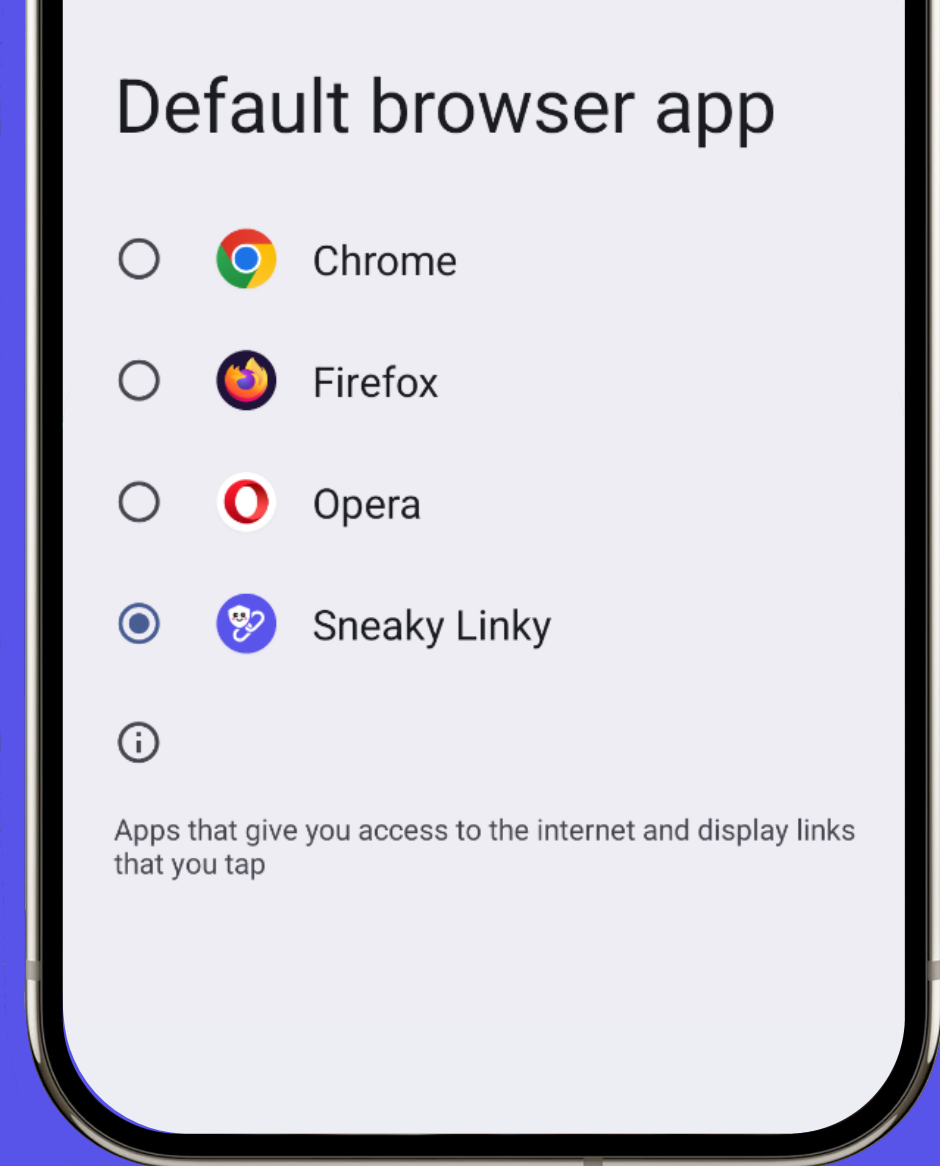
- Real-time analysis.
- Alerts users.
- Gives users a choice - trust the source.
- Redirects to user-selected browser.

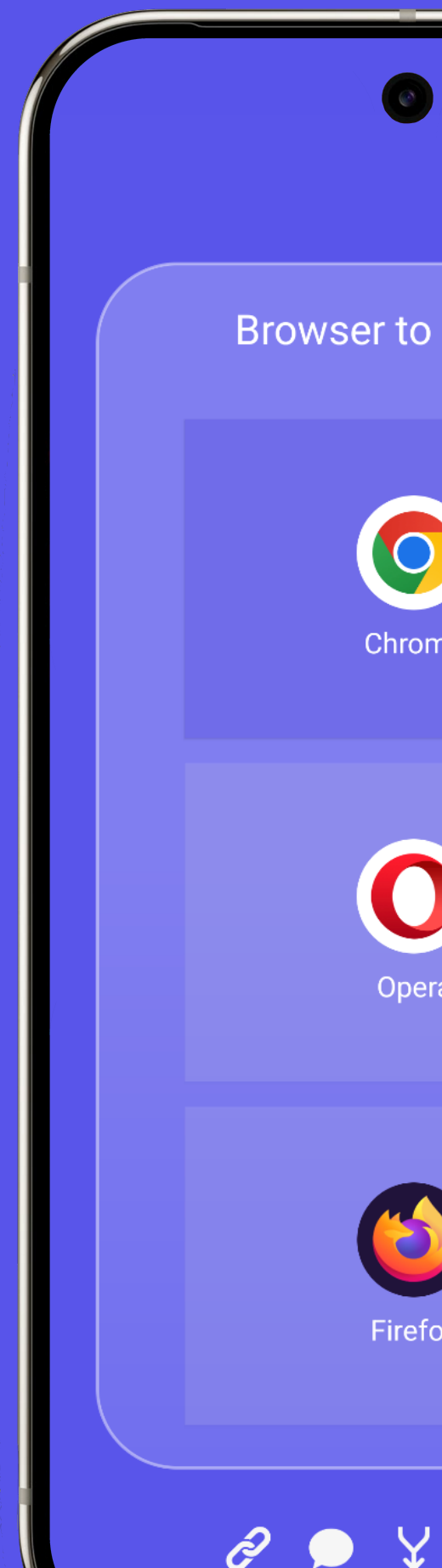
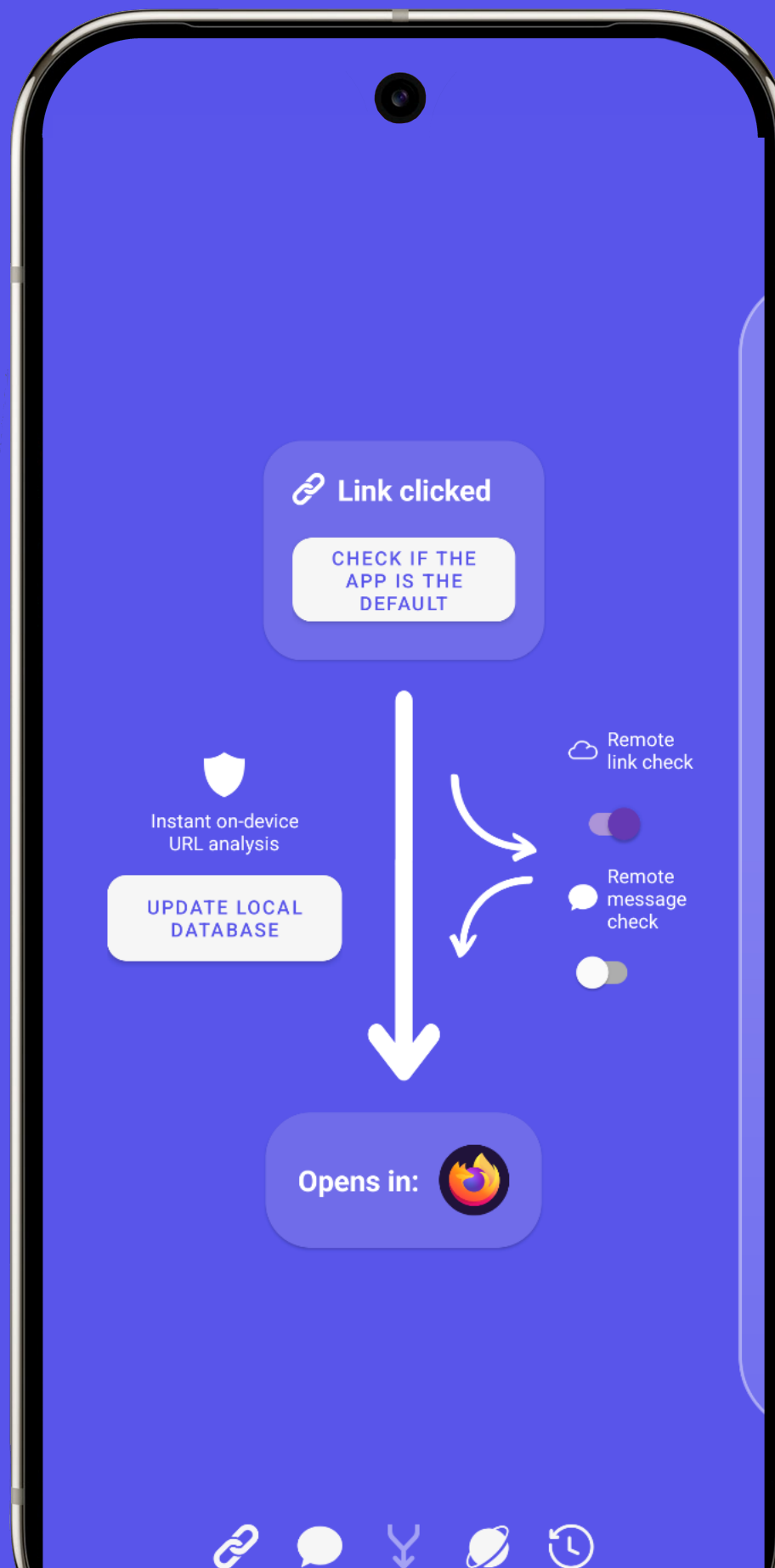
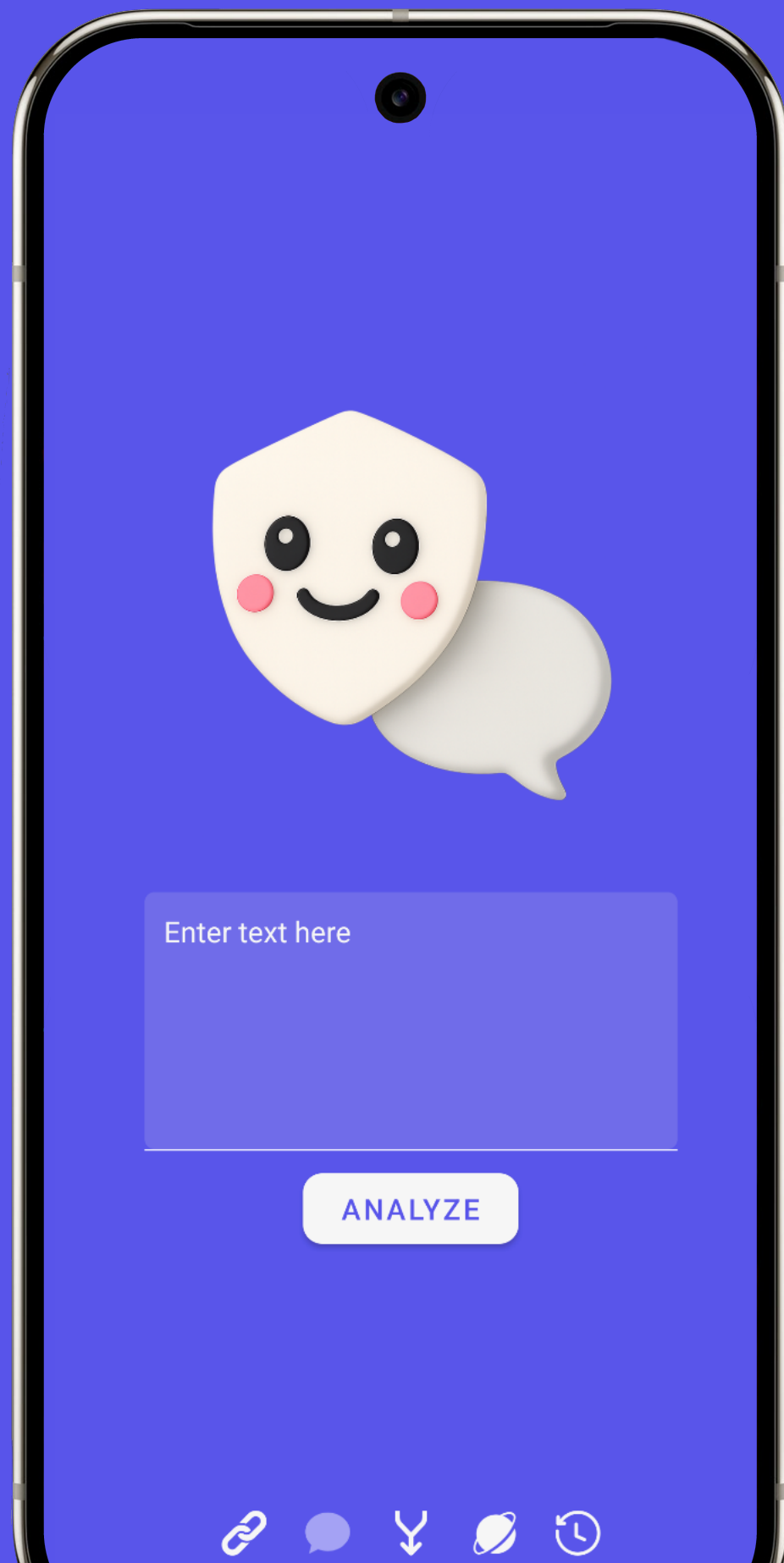
Target Audience

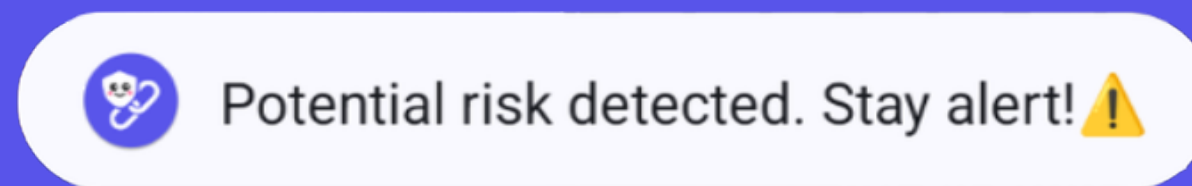
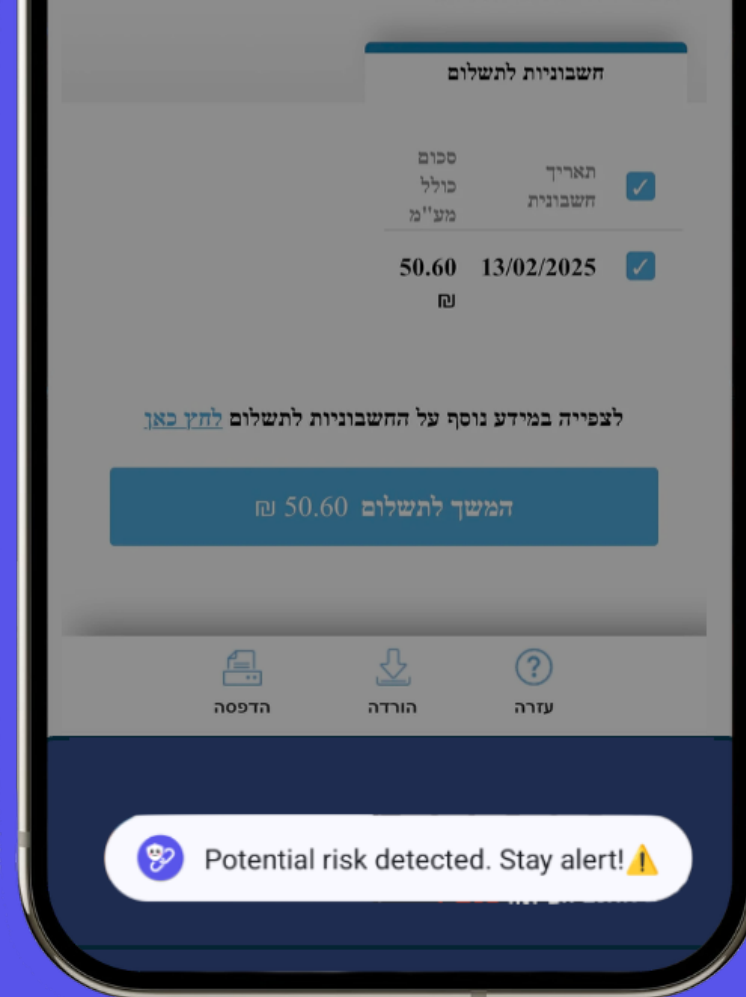
- *Seniors*
- *Children*
- *Every-day users*

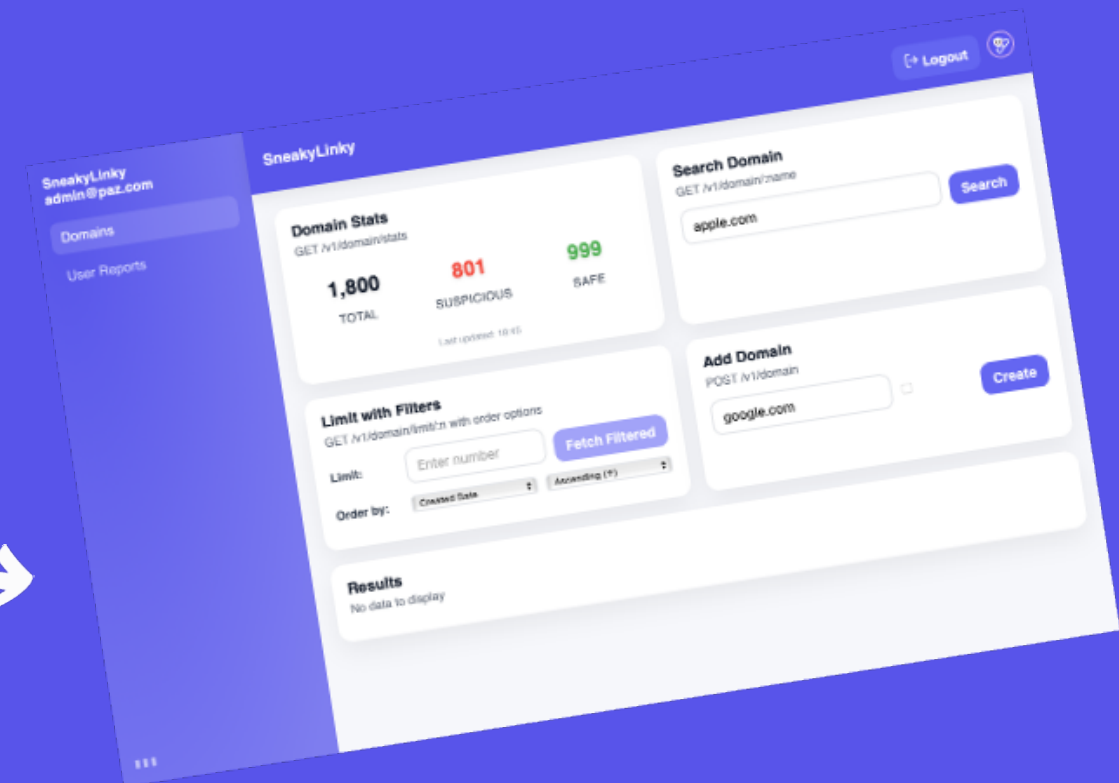
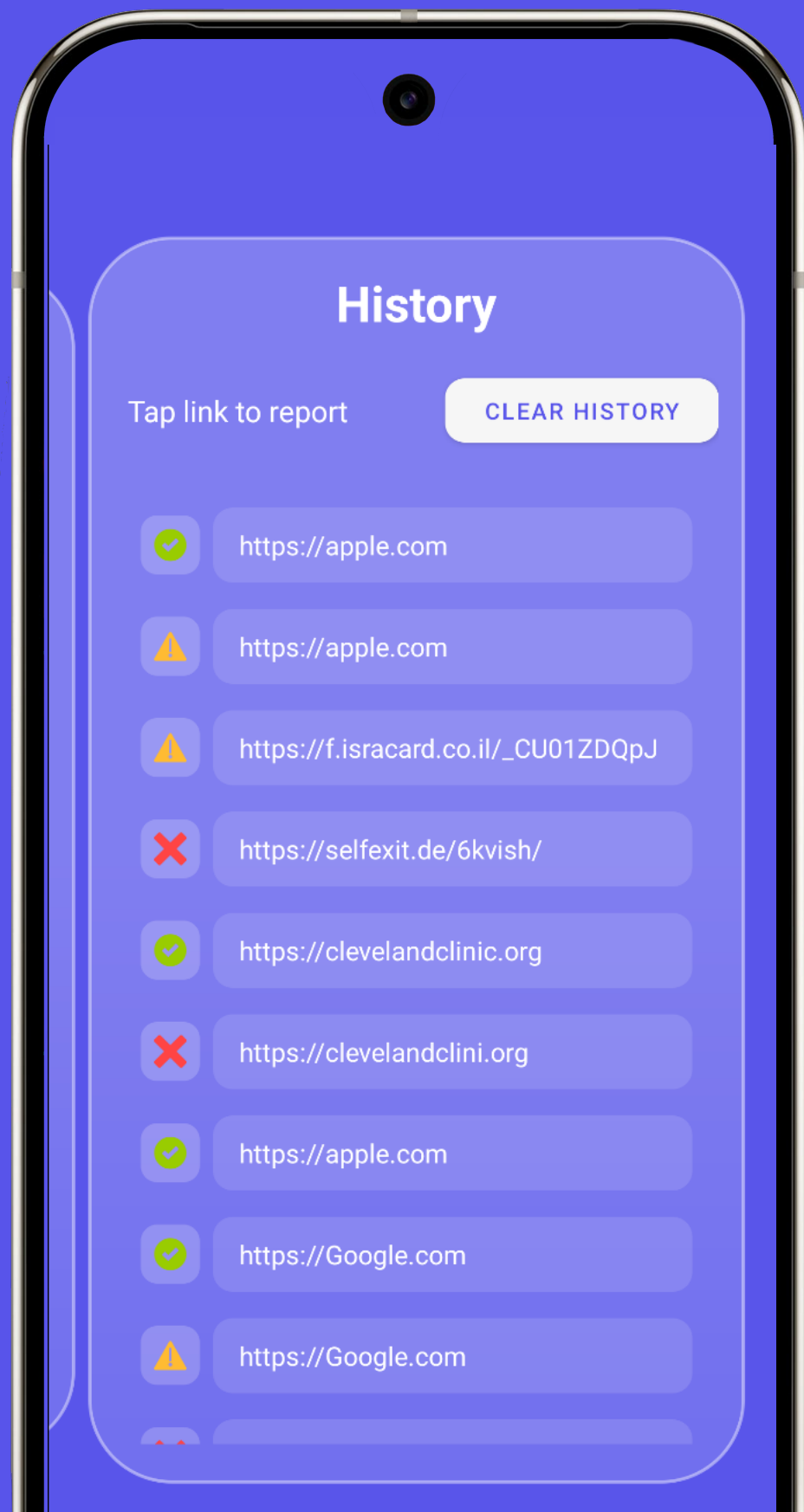
Implementation Overview

- App is treated as the default web-browser by the OS.
- Safe links redirected to the user's preferred browser.
- Suspicious links and messages trigger a warning, letting users proceed with caution.





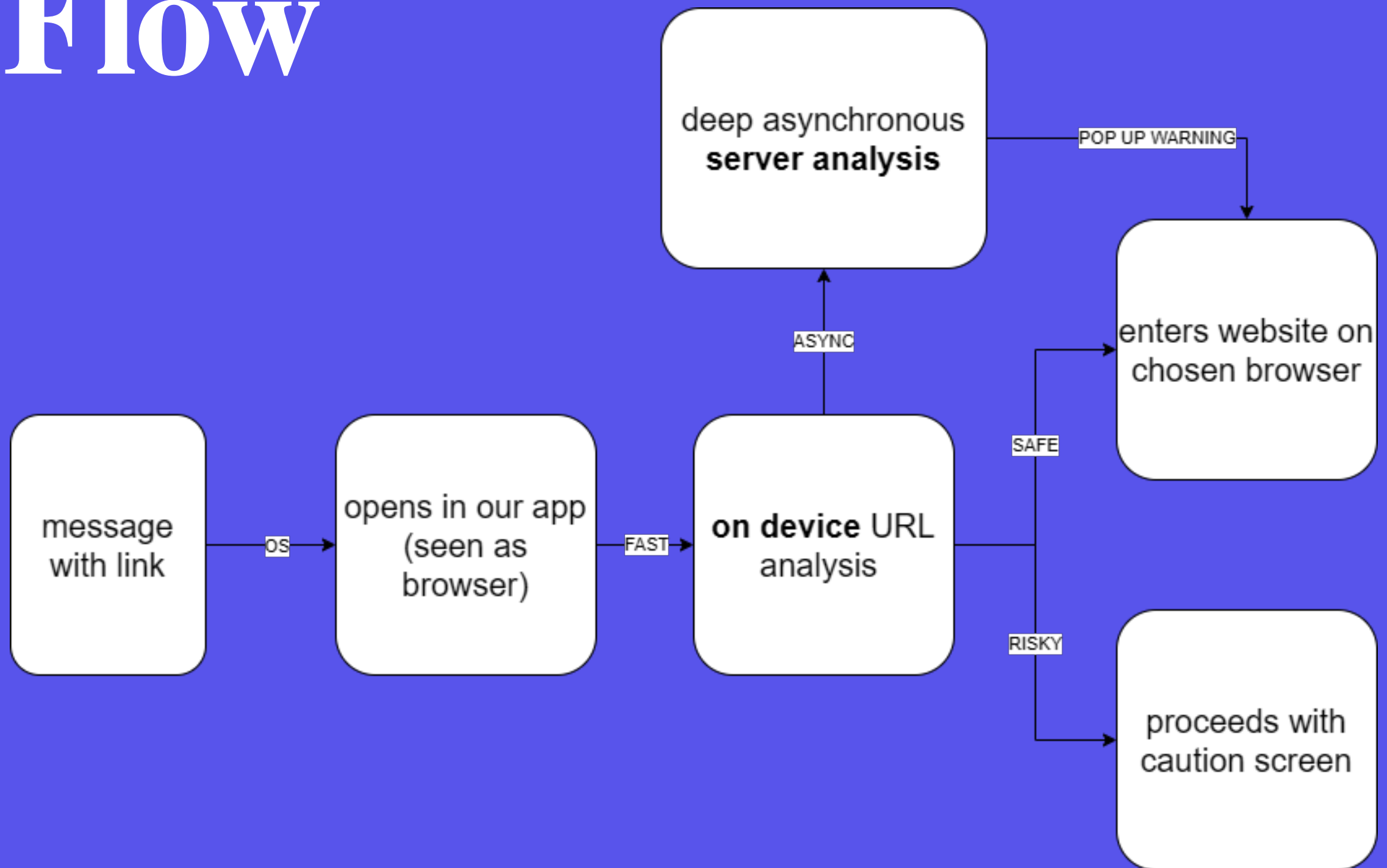




Technologies

- Android SDK (Java/Kotlin)
- OkHttp
- Android Accessibility Service
- API integrations
- Room
- Node.js
- OpenAI
- Google Safe Browsing (GSB)
- JWT
- Vercel

Flow



More features

- **Accessibility-Powered context**
- **Versioned hotset updates**
- **Expanding data base**
- **Caching and users history and reporting**
- **Admin Dashboard**