

CONCEPT NOTE

The primary objective of this project is to strengthen cybersecurity measures for the general public and mitigate the risk of falling victim to scams and fraudulent activities. By integrating a comprehensive scam detection system into our official app, we aim to empower users with the tools necessary to verify the authenticity of information and sources. This initiative is geared towards facilitating a safer digital environment and enhancing user confidence in online interactions.

Objectives

- Develop a robust scam detection system capable of analysing various data points including phone numbers, email addresses, SMS headers, bank account details, meta profiles, ads, URLs, and third-party apps.
- Collaborate with national portals to access and integrate relevant data for scam detection, ensuring accuracy and reliability of the system through API integration.
- Implement AI-based system for URL and third-party app analysis to identify potential phishing links, websites, and scam applications
- Integrate the scam detection system seamlessly into our official app, ensuring a user-friendly interface and efficient functionality.
- Provide users with the ability to verify the authenticity of information and sources, thereby reducing the risk of falling victim to scams or phishing attacks.

Key Features

1. Phone Number Verification: Users can check whether a phone number is associated with reported scams or trustworthy sources.
2. Email ID Verification : Verify the legitimacy of email addresses to prevent phishing attempts.
3. Bank Account Details Verification: Users can validate bank account details to avoid fraudulent transactions.

All the above said data can be verified through API integration from NCRP database

4. Meta Ad and Profile Analysis: Determine the credibility of user profiles and Identify fraudulent meta advertisements targeting public
5. URL Scanning: Utilize AI-powered system to analyze URLs and flag phishing links or scam websites. The system should be able to generate a trust score based on which the user can make a decision.
6. Third-Party App Analysis: Evaluate the genuineness of third-party applications to protect users from downloading malicious software.
7. SMS Header Analysis : Detect suspicious SMS headers indicative of scam messages.

Conclusion: The integration of a scam detection system into our official app represents a proactive approach towards safeguarding public security and trust. By using advanced technology and data analysis, we aim to empower public with the tools they need to make informed decisions and protect themselves from online scams and phishing attacks.