



A Comprehensive Anti-Scam Solution for Website Authenticity and Fraud Detection

INTRODUCTION

an advanced anti-scam solution designed to empower users in identifying and safeguarding against fraudulent websites. In an era where online scams are prevalent, GuardianShield utilizes a multifaceted approach, combining **URL analysis, content scrutiny, SSL certificate verification, and user reviews** to assess the legitimacy of websites.

A screenshot of a web form for GuardianShield. The form is light purple with rounded corners and a subtle drop shadow. It contains three input fields and a button. The first field is labeled 'Enter Website URL:' and contains 'google.com'. The second field is labeled 'Upload Advertisement:' and contains a 'Choose File' button and the text 'No file chosen'. The third field is labeled 'Enter Customer Care Number:' and contains 'e.g., 1-800-123-4567'. A blue 'Scan' button is at the bottom.

Enter Website URL:

google.com

Upload Advertisement:

Choose File No file chosen

Enter Customer Care Number:

e.g., 1-800-123-4567

Scan

URL ANALYSIS

our anti-scam project employs a multifaceted approach to scrutinize website URLs for potential fraudulent activities. Firstly, we conduct a **domain reputation check** using external services and databases dedicated to cataloging known scam websites. Any flagged reputation prompts an alert.

127.0.0.1:5500 says

Scanning initiated...

OK

Enter Website URL:

https://adityapareek.tech/

Upload Advertisement:

Choose File

No file chosen

Enter Customer Care Number:

e.g., 1-800-123-4567

127.0.0.1:5500 says

Scan Results:

URL: https://adityapareek.tech/

Advertisement File Name: Not uploaded

Customer Care Number:

Scanning completed. No issues found.

OK

Content Checking

Content scrutiny in our anti-scam project involves analyzing the textual and visual elements of websites, advertisements, or customer care numbers to identify potential signs of fraudulent or malicious activity.

Such as: -

1. Implement algorithms to scan the content for specific keywords associated with scams
2. Utilize image processing techniques
3. We Use OCR (Optical Character Recognition) tools to extract and analyze text from images within advertisements

Content Checking



User reviews Detection

To assess the legitimacy of websites, the anti-scam app can integrate user reviews as a valuable source of information. such as:-

- 1.API Integration
- 2.Natural Language Processing (NLP)
- 3.Keyword Analysis



Warning!
Fake Reviews Detected.

Conclusion

In conclusion, our anti-scam project, represents a robust and multi-faceted solution designed to empower users in navigating the complex landscape of online security. By integrating advanced techniques such as URL analysis, content scrutiny, machine learning models, and user reviews, aims to comprehensively assess the legitimacy of websites, advertisements, and customer care numbers.

Thanks!

Do you have any questions?

