**ABSTRACT:**

**PHISH GUARD**

The "Phishing Detection Script" is a client-side HTML script designed to enhance user awareness and security when accessing websites. Phishing attacks remain a prevalent threat, and this script aims to provide a simple layer of defence against potential phishing websites. The script compares the current website's URL with a predefined list of trusted URLs. If a match is found, the user is alerted that the website is trusted; otherwise, a warning is issued.

**KEY FEATURES:**

User-Friendly Alerting: The script utilizes a straightforward alert system to inform users about the trustworthiness of the website they are visiting.

Customizable Trusted URLs: Website administrators can easily customize the list of trusted URLs within the script to align with their specific trusted domains.

Ease of Integration: The script is embedded directly into the HTML code of a webpage, ensuring a seamless and lightweight integration process.

**USAGE SCENARIO:**

Integration: Website owners can incorporate the script into their web pages effortlessly by copying and pasting the provided HTML code.

Customization: The list of trusted URLs can be adapted to reflect the websites considered safe by the administrator.

Enhanced User Awareness: Users accessing the website receive immediate alerts regarding the legitimacy of the site, potentially mitigating risks associated with phishing.

**LIMITATIONS AND CONSIDERATIONS:**

Client-Side Nature: The script operates on the client side and is susceptible to potential manipulation by malicious actors. It should be seen as a supplementary measure rather than a comprehensive solution.

Server-Side Complement: For robust security, it is recommended to implement additional server-side checks and security measures to fortify the overall defence against phishing attacks.

In conclusion, the "Phishing Detection Script" serves as a practical and easy-to-implement tool to raise user awareness and contribute to the overall security posture of a website. While not a standalone solution, when used in conjunction with other security measures, it enhances the ability to identify and mitigate potential phishing threats.