

Phish Checker Plugin Overview

1. Project Introduction

Phish Checker is a lightweight browser plugin designed to help users identify whether a suspicious URL poses risks such as phishing, redirect ads, or fraudulent content. It uses a remote large language model API (provided by SiliconFlow) to perform intelligent risk analysis without requiring the user to have technical knowledge or maintain local blacklists.

2. Key Features

2.1 Fast Detection

Users simply paste the suspicious URL into the input box and click the "Check" button. The plugin quickly sends a request to the large model API and returns a clear risk analysis result in seconds, with no delay or complexity.

2.2 Voice Interaction

The plugin supports both voice input and voice output. Users can speak the URL instead of typing it, and the plugin will read the detection result aloud. This is especially useful for those with vision impairment or limited typing ability.

2.3 Minimalist Interface

The UI is clean and intuitive, with a simple workflow and no learning curve. It is designed for all users, even those unfamiliar with technical tools.

2.4 AI-Powered Risk Assessment

All detection is powered by a remote large language model, without relying on rule-based engines or feature libraries. This allows for better generalization and the ability to identify new types of phishing attacks.

3. Use Cases

Verifying links received via SMS, email, or social media

Checking unfamiliar websites during online shopping or browsing

Helping elderly users avoid scams and unsafe websites

4. GitHub Repository

The project is open-source and available on GitHub:

<https://github.com/zhangmask/phish-checker-api>

ZESHAN ZHANG: Backend logic(PYTHON,JAVASCRIPT)

Special thanks **SHREYAS KHARAT:** Frontend (HTML, CSS, JAVASCRIPT)

5. Summary

Phish Checker is a smart, user-friendly website safety tool built for everyday users. It's lightweight, accurate, easy to use, and helps reduce the risk of falling victim to phishing or scam websites — all without requiring any technical setup.

