Phishing Domain Detection

Wireframe Documentation for Phishing Domain Detection Project

1. Introduction

The wireframe documentation provides a visual and descriptive representation of the user interface for the "Phishing Domain Detection" project. The wireframe aims to highlight the structure, layout, and functionality of the application while maintaining simplicity and usability for both technical and non-technical users.

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2. Purpose of the Wireframe

- To present the application's interface design in a structured manner.
- To serve as a blueprint for developers and designers for building the actual web interface.
- To ensure that the interface is user-friendly and accessible to all stakeholders.

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3. Wireframe Overview

The application consists of a single primary interface designed for simplicity and ease of use. Below are the key sections of the web interface:

1. **Header Section**:
    - **Title**: Displays the project name *"Phishing Domain Detection"* prominently.
    - **Subtitle**: Provides clear instructions to the user, such as *"Enter a domain to check if it's phishing or safe."*
2. **Main Section**:
    - **Domain Name Input Field**:
        - A text box where users can input the URL or domain they want to check.
        - Placeholder text: *"Enter domain (e.g., example.com)"*.
    - **Check Button**:
        - A visually distinct button (orange) labeled *"Check"* to submit the input for analysis.
3. **Footer Section**:
    - A simple footer displaying a copyright message: *"© Phishing Detection Project."*

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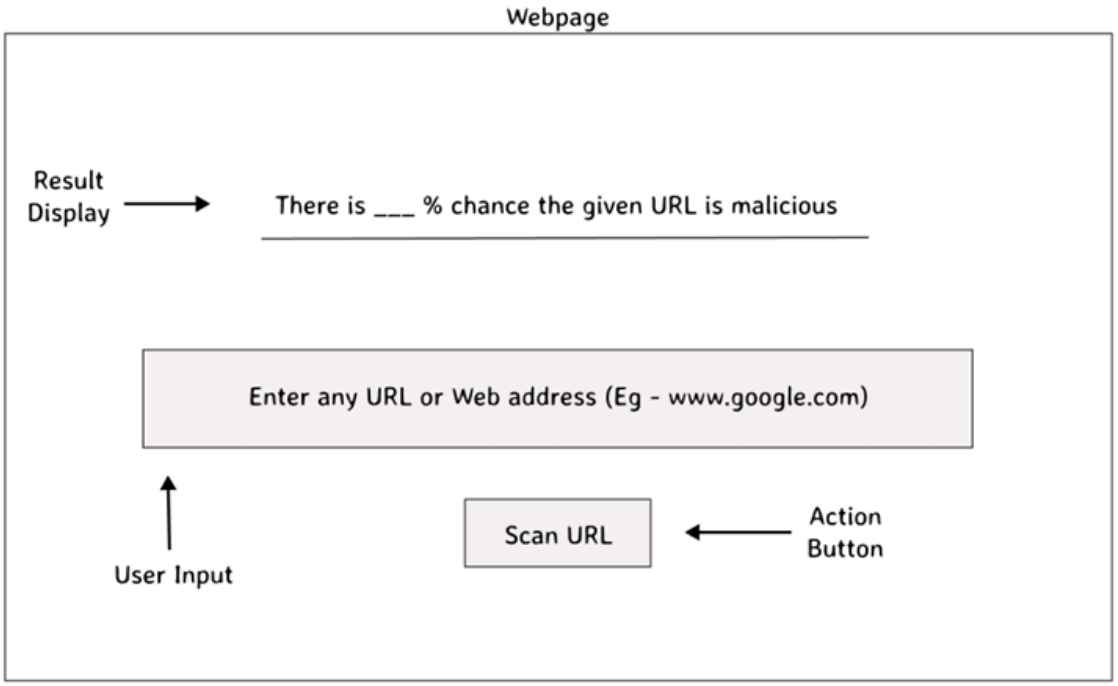
4. Wireframe Layout

- **Visual Description**:
    - The interface is centered on the page.
    - A white card with rounded corners and shadowing highlights the primary elements (input field and button).
    - The background consists of a gradient teal-to-light blue for a professional appearance.



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5. User Interaction

- **Input Field**: Users can type or paste a domain name into the input field.
- **Submit Action**: Clicking the *"Check"* button triggers the backend API to analyze the domain and return results.
- **Output (not shown on this wireframe)**:
    - On submission, the user will be redirected to a results page displaying the phishing detection outcome.

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6. Accessibility and Responsiveness

- **Accessibility**:
    - The interface uses large fonts and contrast for better readability.

    - The *"Check"* button is distinct and noticeable.
- **Responsiveness**:
    - The interface is designed to be responsive, ensuring usability across different devices (desktop, tablet, mobile).

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7. Tools Used for Wireframe Design

- Wireframe tools used: Pen & paper or digital tools like Figma, Adobe XD, or online wireframe generators.
- Styling frameworks: Basic CSS or frameworks like Bootstrap can be used to achieve the described layout.

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8. Conclusion

This wireframe ensures a clear and intuitive interface for users, facilitating easy interaction with the phishing domain detection system. The simplicity of the design aims to make the project accessible to all users, irrespective of their technical expertise.
