

# Cybersecurity: Phishing Domain Detection

## Wireframe Documentation

### Homepage

The Cybersecurity: Phishing domain detection system has only one simple page for user input i.e., **Home page**:-

1. First thing anyone will see is a pop-up window on Homepage which will ask for User Input, which is a URL the user would like to check.

A wireframe diagram of a web page. At the top, a yellow rectangular banner contains the text "Welcome to the Phishing Domain Detector" in bold black font. Below the banner, there is a light blue rectangular box containing the text "Please enter the URL:". Underneath this box is a white rectangular input field with the placeholder text "Your URL here". Below the input field is a small grey rectangular button with the text "Enter".

2. After entering the URL, the user clicks on the "Enter" button to start the prediction

A wireframe diagram of a web page, similar to the one above. It features the same yellow banner with "Welcome to the Phishing Domain Detector". Below the banner, the light blue box with "Please enter the URL:" is present. The white input field now contains the text "https://www.example.com/". The grey "Enter" button below the input field is highlighted with a red rectangular border.

3. The model runs in the backend and shows a result on the same page. There can be 2 outcomes, safe & unsafe URL as shown below with the help of diagrams:

a. Safe URL

The diagram shows a web interface for a 'Phishing Domain Detector'. It features a yellow header bar with the text 'Welcome to the Phishing Domain Detector'. Below this is a light blue box containing the prompt 'Please enter the URL:'. Underneath the prompt is a text input field containing the URL 'https://www.example.com/'. To the right of the input field is a grey button labeled 'Enter'. Below the input field and button is a red-bordered box containing the text 'Result: This URL is safe!'.

b. Unsafe URL

The diagram shows the same web interface as in (a). It features a yellow header bar with the text 'Welcome to the Phishing Domain Detector'. Below this is a light blue box containing the prompt 'Please enter the URL:'. Underneath the prompt is a text input field containing the URL 'https://www.example.com/'. Below the input field is a red-bordered box containing the text 'Result: This URL is unsafe! Please do not click on that URL'.