

Heading:

PhishX – AI Based Phishing URL Detector

Sub-headings:

Track: AI

Team: Solo

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Problem Statement & Solution

Problem Statement:

With increasing cyberattacks, phishing websites trick users into giving personal or financial info. Many users don't know how to identify malicious URLs.

Solution:

PhishX is a smart web-based tool that detects whether a URL is safe or a phishing attempt using a trained AI model and simple UI.

Tech Stack & Architecture

Tech Stack:

Frontend: HTML, CSS

Backend/Model: Python (scikit-learn, pandas)

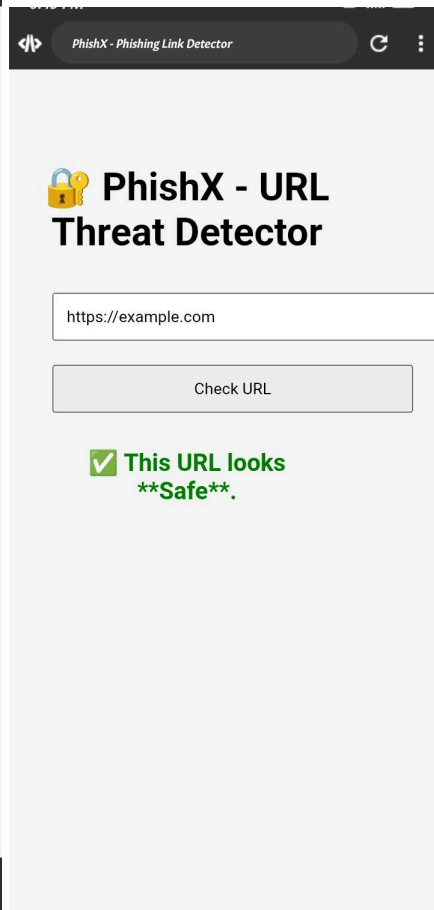
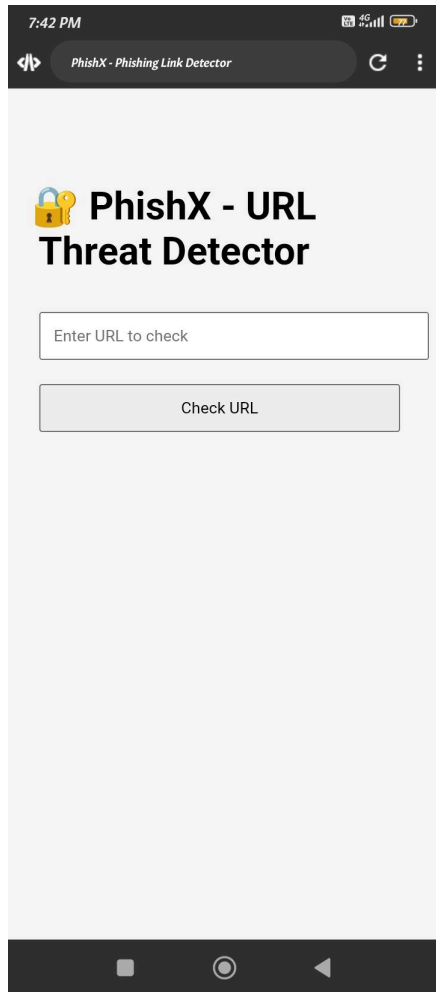
Deployment: Local

Architecture:

User Input → AI Model (trained) → Predict (Phishing/Safe) → Display Result

Features:

- ✓ Detects phishing URLs instantly
- ✓ Simple UI for non-technical users
- ✓ AI-powered analysis
- ✓ Works on phone or desktop browser



Learnings & Future Scope

What I have learnt:

- ◆ How phishing works
- ◆ Building simple websites
- ◆ Using AI for real-world problems

Future Scope :

- 1.Add Chrome extension
- 2.Connect real time threat database.
- 3..Make mobile app version

