TEAM BLITBLAZERS

Presents you
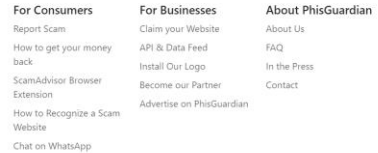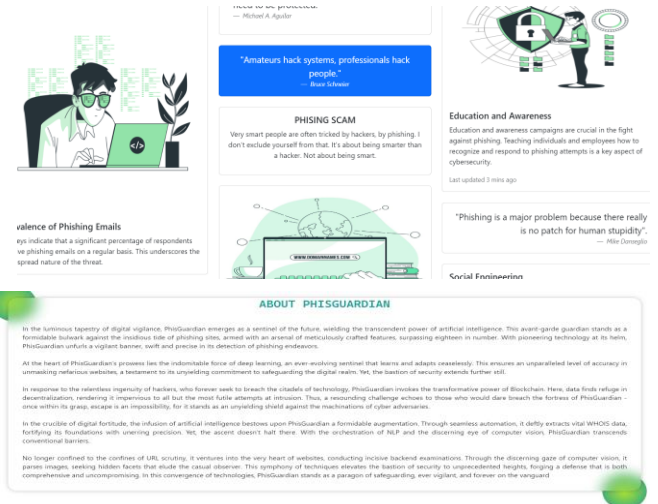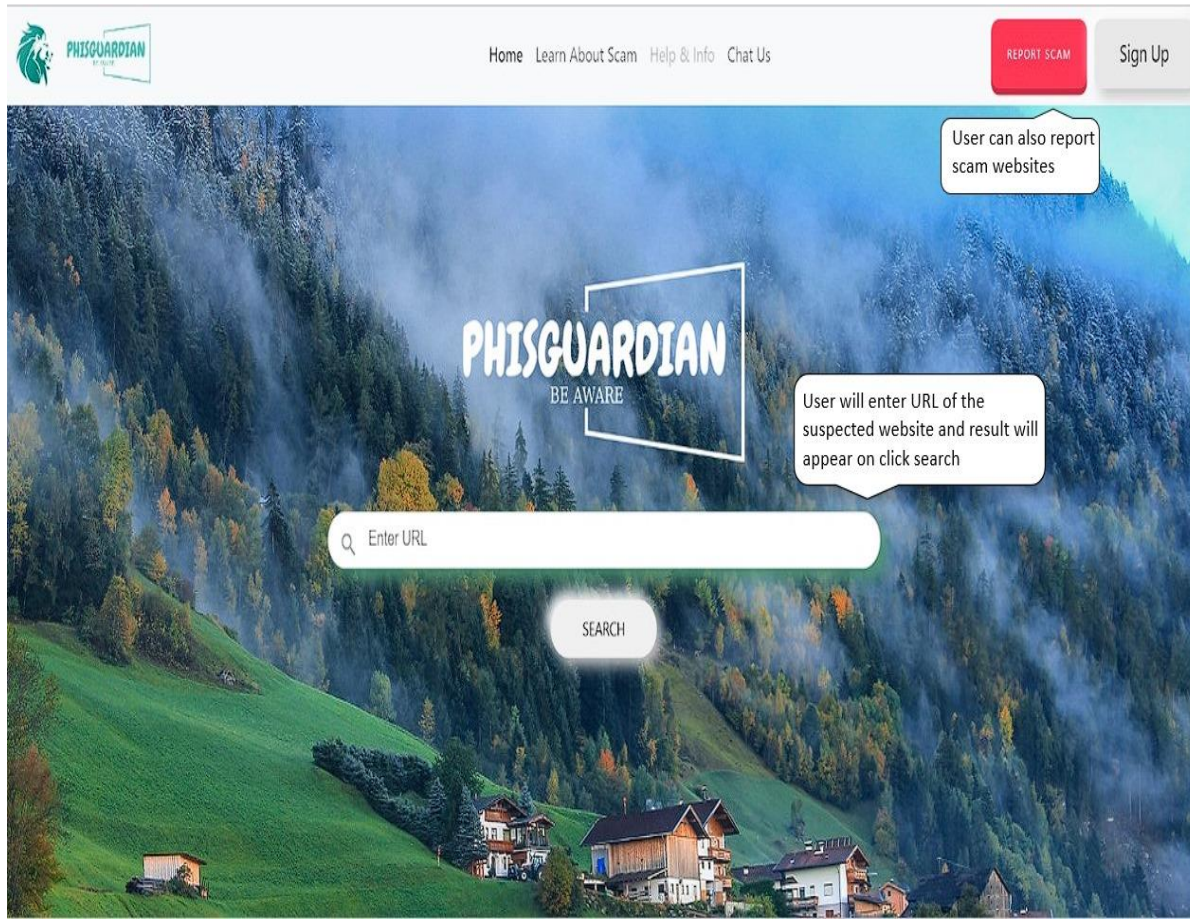

PHISGUARDIAN

BE AWARE

Domain:- Blockchain and Cyber Security
Problem Statement:- Create an intelligent system using AI/ML to detect phishing domains which imitate look and feel of genuine domains (PSID= 1454)
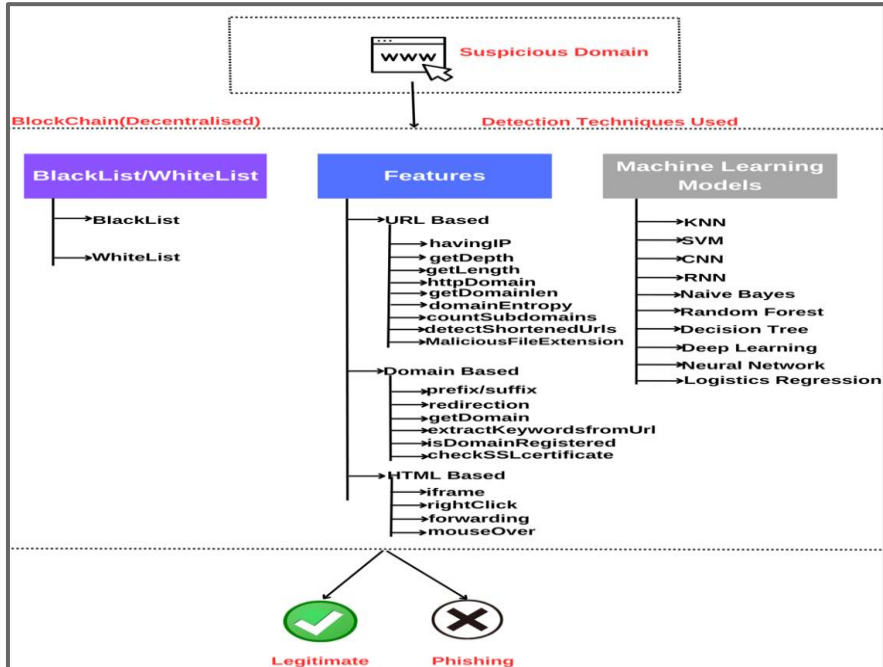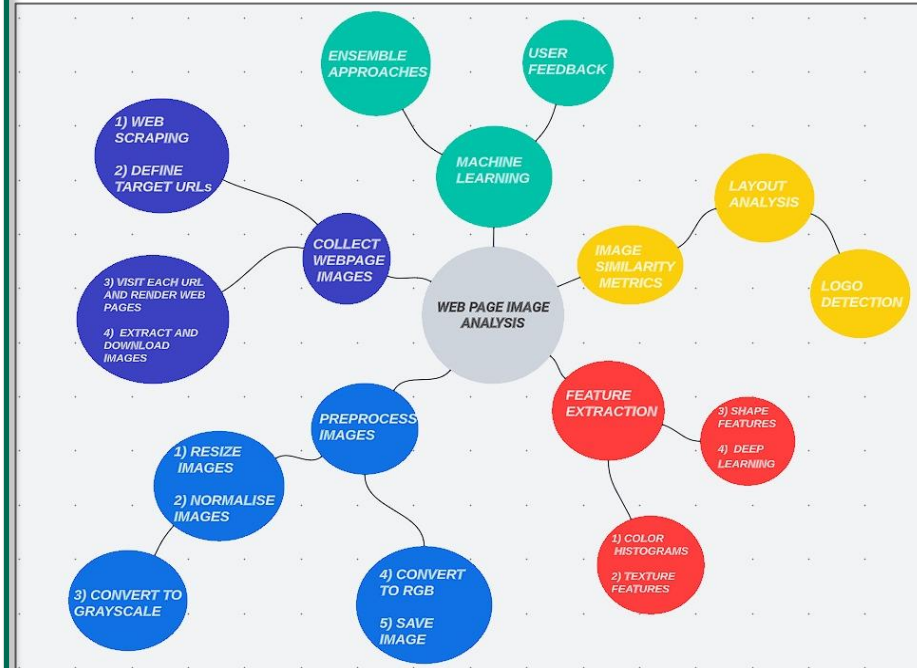
OUR UI DESIGN

AI Model

FEATURE EXTRACTION

We start by gathering URLs and perform feature extraction based on URL, domain, and HTML content. These features are combined to create a dataset. Machine learning models, **including KNN, Logistic Regression, SVM, Random Forest, Decision Tree, RNN, NN, and boosters like AdaBoost and XgbBoost,** are applied. **XgbBoost** yields the **highest accuracy of 86%**

WEB PAGE ANALYSIS

Our web page analysis process begins with image collection and extraction using web scraping tools. We extract key features from these images, preprocess the data, and apply machine learning algorithms. The results are integrated with other features, enabling comprehensive analysis and informed decision-making based on web page content.
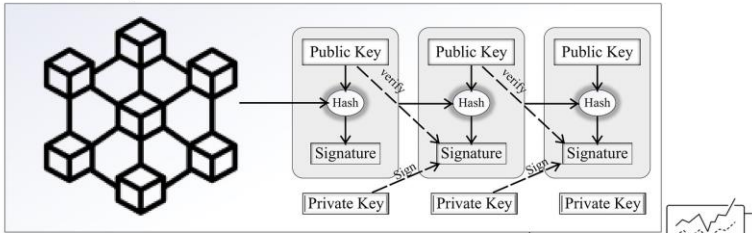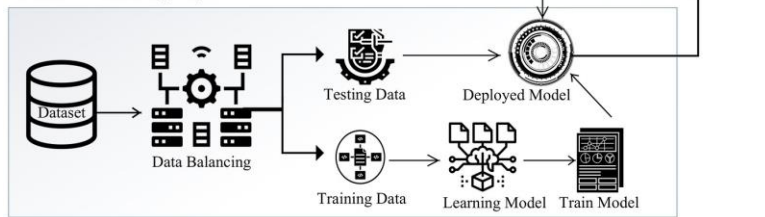
EMERGING TECHNOLOGIES

Blockchain Implementation

WE Have decentralized our dataset to improve security

How we will deploy our model into website?

Using the flask API we will be integrating our website and machine learning model