

A Mini-project Presentation on

PHISHING WEBSITE DETECTION



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GROUP NO.: 2

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AGENDA

- Problem Statement
- Need of Phishing Website Detection
- Existing system
- Objectives
- Technology Stack
- Proposed System
- References

PROBLEM STATEMENT

To create an extension for chrome which will act as middleware between the users and the malicious websites.

NEED OF PHISHING WEBSITE DETECTION

- Online technologies have revolutionized the modern computing world.
- There are number of users who **purchase products online** and **make payment** through various **websites**.
- There are multiple **websites who ask user to provide sensitive data** such as username, password or credit card details etc. often for **malicious reasons**. This type of website is known as **phishing website**.
- Hence, to **mitigate the risk of users** who fail to resist such websites there is a need of Phishing Website Detection.

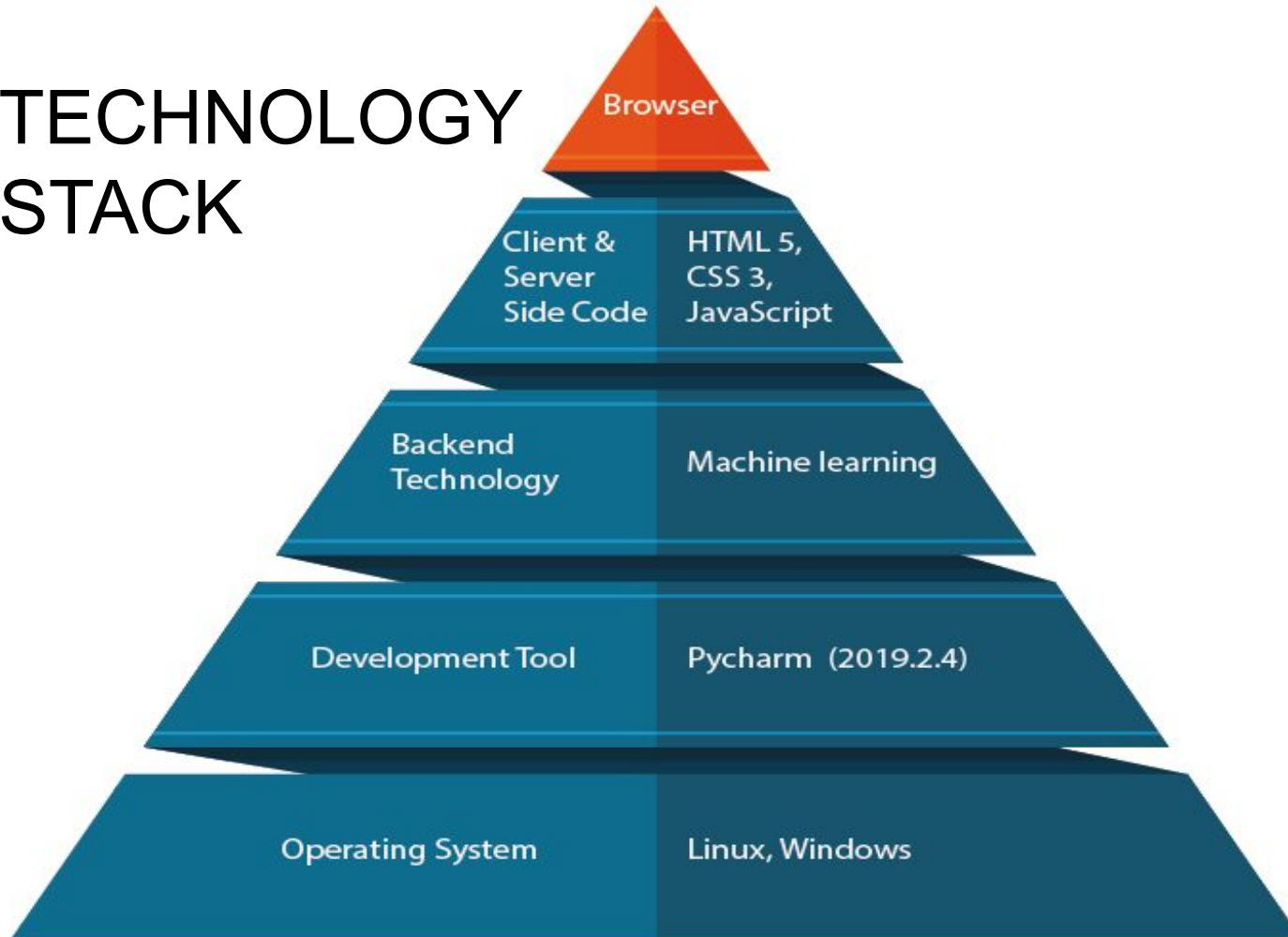
EXISTING SYSTEM

- Detect and block the phishing website **manually** in time.
- Block the phishing emails by various **spam filter software**.

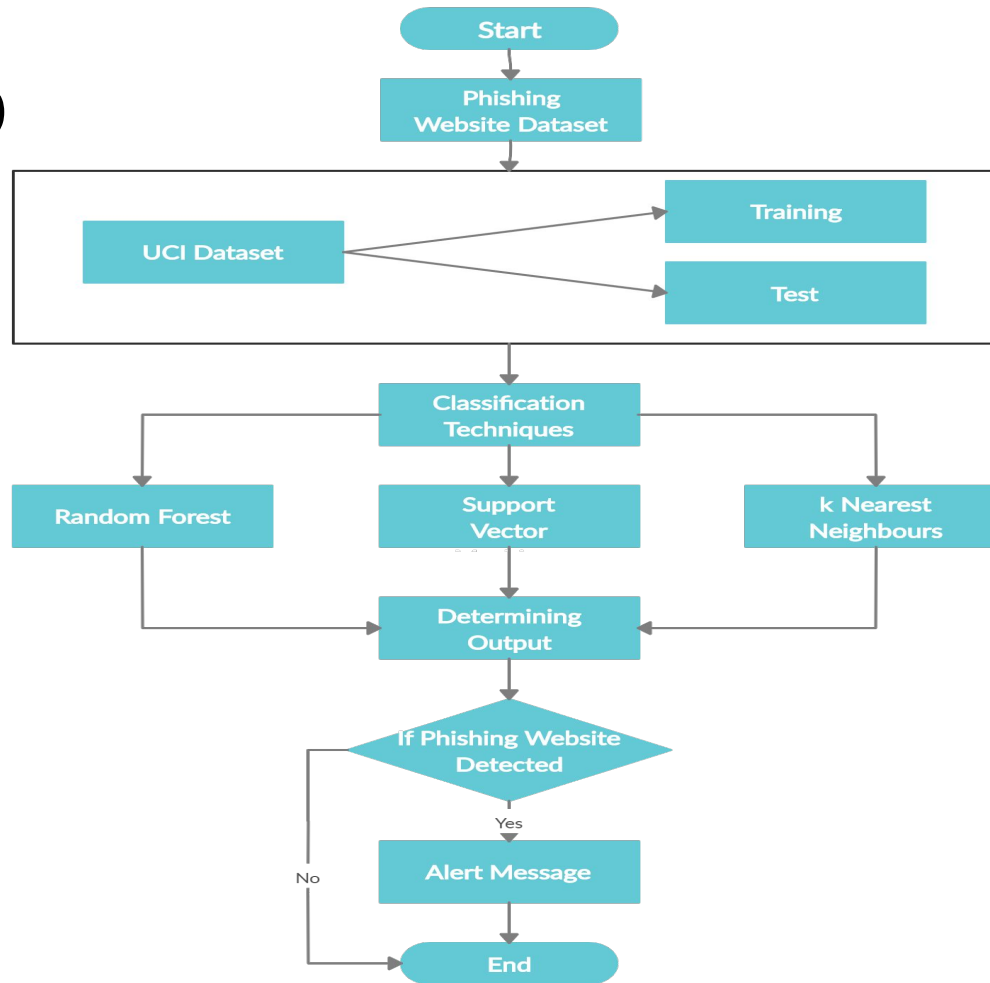
OBJECTIVES

- To implement binary classification techniques for phishing URL detection.
- To develop a google chrome extension using scripting languages.
- To generate an alert message for detected phishing website.
- To block and maintain the record of detected phishing websites.

TECHNOLOGY STACK



PROPOSED SYSTEM



REFERENCES

- [1] Amani Alswailem, “**Detecting Phishing Websites Using Machine Learning**”, 2019 <ieeexplore.ieee.org>
- [2] Mario K"oppen, “**Detecting Malicious URLs using Machine Learning Techniques**”, 2016 <ieeexplore.ieee.org>
- [3] Abdulghani Ali Ahmed, “**Real Time Detection of Phishing Websites**”, 2016 <ieeexplore.ieee.org>

THANK YOU