

Project Design Phase-II
Technology Stack (Architecture & Stack)

Date	03 October 2022
Team ID	PNT2022TMID51354
Project Name	Project – Web Phishing Detection
Maximum Marks	4 Marks

Technical Architecture:

The Deliverable shall include the architectural diagram as below and the information as per the table1 & table 2

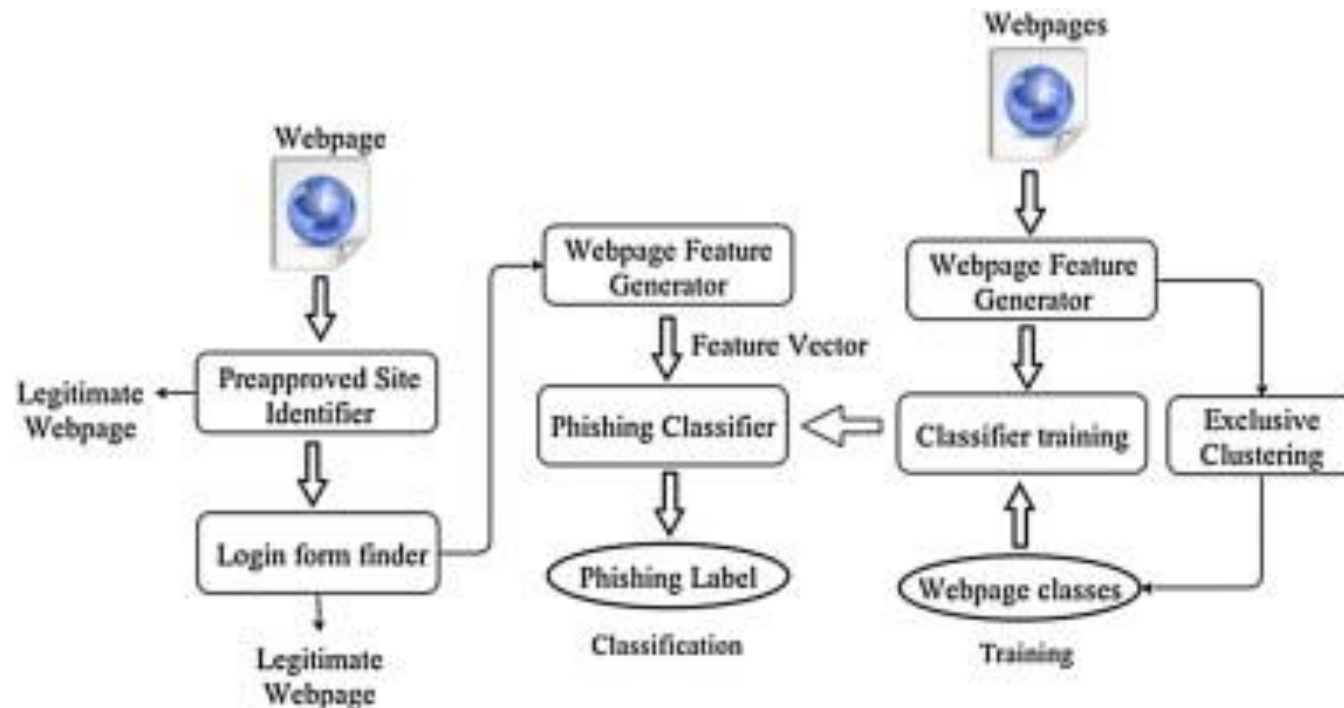


Table-1 : Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	How user interacts with application e.g. Web UI, Mobile App, Chatbot etc.	HTML, CSS, JavaScript / Angular Js / React Js etc.
2.	Application Logics	Logic for a process in the application	Java / Python
3.	Cloud Database	Database service on Cloud	IBM Watson STT service
4.	File Storage	File storage requirements	IBM Watson Assistant
5.	ML model	Purpose of ML Model	MySQL, NoSQL, etc.
6.	Infrastructure (Server or Cloud)	Application deployment on local system or cloud	IBM DB2, IBM Cloud ant etc.

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	Skykit learn package in python that deals with Machine Learning algorithm's	ML
2.	Security Implementations	Typo squatting, cybersquatting	Cybersecurity
3.	Scalable Architecture	Justify the scalability of architecture	Need to some security's
4.	Availability	It can balance the load traffic among the server to help improve uptime. Can scale applications by adding or removing servers, with minimal disruption to traffic flows	IBM cloud load balancers
5.	Performance	It provides performance feedback such as page size and how long it takes to load to a page, and can show the impact new features have on the performance of the site.	Blacklists or whitelists, Natural language processing, Visual similarity, rules, machine learning techniques, and etc..