**Project Design Phase-I**

**SOLUTION ARCHITECTURE**

|  |  |
| --- | --- |
| Date | 19 September 2022 |
| Team ID | PNT2022TMID32416 |
| Project Name | WEB PHISHING DETECTION |
| Maximum Marks | 4 Marks |

**SOLUTION DESCRIPTION:**

* Web Phishing is the attempt to acquire sensitive information such as user names ,passwords and credit details often for malicious reasons by masquerading as a trustworthy website on the internet
* When the user tap the malicious link like URL in pre-processing part ,each word is extracted from the URL and then they are added to the ”word list” to be analyzed in the ongoing execution.
* And then the feature set are extracted after processing the data set in the software tool that selects the attributes that are required to detect the phishing websites.
* In the classification block it will be classified into legitimate and phishing websites .
* The dataset is used to collect legitimate as well as phishing website instances .Each instance contains the URL and the relevant HTML page The dataset can serve as an input for the Machine learning

**SOLUTION ARCHITECTURE:**

****

**URL**

**User**

**Legitimate/Phishing**

**Pre-processing**

**Dataset**

**Feature Extraction**

**Classification**