**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID41194 |
| Project Name | Project - Web Phishing Detection |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

Project team shall fill the following information in proposed solution template.

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | Phishing is a major problem, which uses both social engineering and technical deception to get users' important information such as financial data, emails, and other private information.  Phishing exploits human vulnerabilities; therefore, most protection protocols cannot prevent the whole phishing attacks, Phishing attacks can paralyze a business.  Staff might be unable to continue their  work. Data and assets might be stolen or  damaged. Customers might be unable to  access online services.  The reason security defenders struggle  to detect phishing domains is because of  the unique part of the website domain |
|  | Idea / Solution description | We can use recent technologies like Anti Phishing to Sollute the Phishing Problem.Anti-phishing technology is designed to identify and block phishing emails using a variety of methods. Certain anti-phishing solutions scan the content of inbound and internal emails for any sign of language that suggests a potential phishing or impersonation attack |
|  | Novelty / Uniqueness | Using legitimate homepage websites foster false positives during login classification.  Proposed web technology features improve phishing detection accuracy.  Legitimate login websites ensure generalization in practical scenarios.  PILWD-134K: A publicly available dataset for phishing detection benchmarking. |
|  | Social Impact / Customer Satisfaction | It will help to minimize the frauds while using software solutions to all type of Technical peoples to secure their data and login credentials and password and their privacy data. |
|  | Business Model (Revenue Model) | This application can be used by many  E-commerce enterprises in order to make the whole transaction process secure and sefety,  nowadays the digital currency and netbanking  digital transactions are used by all type of common people and they faced many problem while the process and this model help to reduce the thread of phishing  and make the whole process secure. |
|  | Scalability of the Solution | The ability of Anti Phishing Tool to continue to function well when it is changed in bait often appears as a compelling email. Attackers go to great lengths to ensure that their emails appear as legitimate as possible. These emails most commonly direct target recipients to an attacker-controlled website that delivers malware or intercepts user credentials |