**Project Design Phase-I**

**Proposed Solution Template**

|  |  |
| --- | --- |
| Date | 19 September 2022 |
| Team ID | PNT2022TMID28921 |
| Project Name | WEB PHISHING DETECTION |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

|  |  |  |
| --- | --- | --- |
| **S No** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | A major challenge among internet users is web phishing, which constantly steals user’s information with/without their knowledge.  To overcome this a enhanced machine learning algorithm is used to detect web phishing websites. |
|  | Idea / Solution description | We use a machine learning algorithm on a list of websites(database) to detect which websites are phishing websites. |
|  | Novelty / Uniqueness | Web application created using machine learning.  The URL is analysed and the user is alerted if it is a phishing website. |
|  | Social Impact / Customer Satisfaction | The user can surf through the internet with peace.  Redirections, misleads, data theft, wrong information threats can be prevented. |
|  | Business Model (Revenue Model) | This idea helps organizations to reduce cyber risks, provide confidentiality and security.  This ensures less financial loss for business sectors who use internet for their business. |
|  | Scalability of the Solution | This project ensures good reliability and good user interface design for easy usage.  The project undergoes multiple tests before release ensuring good quality. |