Project Design Phase-I Proposed Solution

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| Date | 1 October 2022 |
| Team ID | PNT2022TMID23944 |
| Project Name | 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** |
| 1. | Problem Statement (Problem to be solved) | There are a number of users who purchase products online and make payments through e-banking. There are e-banking websites that ask users to provide sensitive data such as username, password & credit card details, etc., often for malicious reasons. This type of e-banking website is known as a phishing website. Our project is to detect phishing websites |
| 2. | Idea / Solution description | To analyse the url and detect the phishing website based on domain , sub domain , page and content features. We are going to do this with the help of classification algorithms and logistic regression |
| 3. | Novelty / Uniqueness | To detect phishing websites which have shortened url (eg bitly urls) |
| 4. | Social Impact / Customer Satisfaction | Customers will be protected by the Fraudulent websites. This solution will ease the stress of customers as well as minimize their anxiety and help them in deciding whether or not to proceed with e-banking with any websites. |
| 5. | Business Model (Revenue Model) | Our project can be monetised by playing ads on our web page |
| 6. | Scalability of the Solution | The solution proposed will be deployed aas web application.So it is easily accessible by anyone who has internet services and has no specific software or hardware specifications.The dataset used for model training can be scaled according to available phishing website data . |