Project Design Phase-I - Solution Fit Template
Project Title: Web Phishing Detection
Team ID: PNT2022TMID07498

1.CUSTOMER SEGMENT(S) `CS`	6.CUSTOMER CONSTRAINTS `CC`	5. AVAILABLE SOLUTIONS `AS`
• The millions of website users in the internet. • In particular the users of e-banking and e commerce websites.	• Phishing attacks tend to the theft of valuable personal information and credentials of a customer. • The websites behave and function like a legitimate website.	• Manual self-analysis by verifying upon address characteristics. • Cross verifying link with phishing database.
2. JOBS-TO-BE-DONE / PROBLEMS `J&P`	9. PROBLEM ROOT CAUSE `RC`	7. BEHAVIOUR `BE`
• Getting the URL Websites from customer and classify them using different ML Algorithms and telling the customer if it is a Phishing Website or not.	• Advancement of technology that promotes hacking and phishing activities. • Algorithms low efficacy rates. • Ambiguous access to credentials.	• Using a custom extension that analysis the current link. • User access the extension which provide the results.

3. TRIGGERS `TR`

- In the form of alerts Urge/Temptation to commit a task.

4. EMOTIONS: BEFORE / AFTER `EM`

- Before: Fear of Insecurity, Subject to Vulnerability.
- After: Confidence in accessing Websites, Relief of privacy maintain.

10. YOUR SOLUTION `SL`

- Creating a website using Python where the customer enters the URL and the system classifies the URL a phishing website or not using the ML Classification Algorithm and gives the feedback to the customer

8.CHANNELS of BEHAVIOUR `CH`

- **ONLINE:**

  Using the website link to analyze the behavior of the phishing website and getting a feedback from the build site.