Project Design Phase-I
Problem – Solution Fit
Template

Date	8th October 2022
Team ID	PNT2022TMID24070
Project Name	Project - Web Phishing Detection
Maximum Marks	2 Marks

Problem – Solution Fit Template:

A template for fitting the problem with the solution is as follows: and that the solution you have realized for it actually solves the customer's problem. It helps entrepreneurs, marketers, and corporate innovators identify behavioral patterns and recognize what would work.

Purpose:

❑ Solve complex problems in a way that fits the state of your customers.

❑ Succeed faster and increase your solution adoption by tapping into existing mediums and channels of behavior.

❑ Sharpen your communication and marketing strategy with the right triggers and messaging.

❑ Increase touch-points with your company by finding the right problem-behavior fit and building trust by solving frequent annoyances, or urgent or costly problems.

❑ Understand the existing situation in order to improve it for your target group.

Template:

3. TRIGGERS `TR`

What triggers customers to act? i.e. seeing their neighbour installing solar panels, reading about a more efficient solution in the news.

When customers see the number of phishing attacks happening worldwide and to people they know, they would be concerned about their data and would want to secure it.

4. EMOTIONS: BEFORE / AFTER `EM`

How do customers feel when they face a problem or a job and afterwards? i.e. lost, insecure > confident, in control - use it in your communication strategy & design.

Customers feel worried and frustrated when they face the problem but once they make use of our solution, customers will feel confident and secure about the links or data they are going to access.

10. YOUR SOLUTION `SL`

If you are working on an existing business, write down your current solution first, fill in the canvas, and check how much it fits reality.
If you are working on a new business proposition, then keep it blank until you fill in the canvas and come up with a solution that fits within customer limitations, solves a problem and matches customer behaviour.

Develop a tool that can prevent the attackers from stealing the user data, and generates report, automated analysis and awareness training

8. CHANNELS of BEHAVIOUR `CH`

8.1 ONLINE
What kind of actions do customers take online? Extract online channels from #7

The customer can use social media channels that they are familiar with to broadcast the issue with the malicious link and report these URLs through official channels like Google safe browsing or government officials etc.
The customer can make use of our solution to initially test out if the given link is malicious or not, based on which they can take action.

8.2 OFFLINE
What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development.

All of these activities take place online. Additionally, the model can be exported and run on local machines offline to perform the prediction