

Project Design Phase-I

Problem – Solution Fit Template

Date	19 September 2022
Team ID	PNT2022TMID37175
Project Name	Web Phishing Detection
Maximum Marks	2 Marks

Problem – Solution Fit Template:

The Problem-Solution Fit simply means that you have found a problem with your customer 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 and why

Template:

<div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;"> 1. CUSTOMER SEGMENT(S) A user who uses online methods for shopping and do their daily routine works through online mode </div>	<div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;"> 6. CUSTOMER CONSTRAINTS Not able to see on what happens in the back end process of the phishing site </div>	<div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;"> 5. AVAILABLE SOLUTIONS Previous solution is checking whether it is in list. Use Machine Learning to check validity </div>				
<div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;"> 2. JOBS-TO-BE-DONE / PROBLEMS All websites which the user uses to make their life easier where they give their personal information. Web Phishing is a major threat to online shared data. </div>	<div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;"> 9. PROBLEM ROOT CAUSE Attackers try to fool people and steal their money easily through online mode Unknown people will not have knowledge about these sites and give all their details </div>	<div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;"> 7. BEHAVIOUR Users should not give their details blindly to unknown sites </div>				
<div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;"> 3. TRIGGERS <ul style="list-style-type: none"> Trust Fear Time Money </div>	<div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;"> 10. YOUR SOLUTION Create a website to check for legal and validity of URL It analyses the information and predicate it whether it is a legitimate site It will be easy to check </div>	<div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;"> 8. CHANNELS of BEHAVIOUR Online <ul style="list-style-type: none"> Get the user input(url) and check its validity Offline <ul style="list-style-type: none"> Check all sites if it is a phishing site store the link in a separate list If Legal store in another list </div>				
<div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;"> 4. EMOTIONS: BEFORE / AFTER <table style="width: 100%;"> <tr> <td style="width: 50%;">Before</td> <td style="width: 50%;">After</td> </tr> <tr> <td> <ul style="list-style-type: none"> Stress Tired Confused </td> <td> <ul style="list-style-type: none"> Free Joyful life Happy and Healthy </td> </tr> </table> </div>		Before	After	<ul style="list-style-type: none"> Stress Tired Confused 	<ul style="list-style-type: none"> Free Joyful life Happy and Healthy 	
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