

Project Design Phase-I

Proposed Solution Fit

Date	12 October 2022
Team ID	PNT2022TMID52273
Project Name	Web Phishing Detection
Maximum Marks	2 Marks

Define CS, fit into CC

1. CUSTOMER SEGMENT(S)

CS

Who is your customer?
i.e. working parents of 0-5 y.o. kids

- User who uses online shopping websites.
- The one who make money transaction through e banking websites.

6. CUSTOMER CONSTRAINTS

CC

What constraints prevent your customers from taking action or limit their choices of solutions? i.e. spending power, budget, no cash, network connection, available devices.

- The customer don't know where to report the issue
- They are not ready to lose their information
- They were not aware of the person behind these attacks
- Lack of awareness about web phishing

5. AVAILABLE SOLUTIONS

AS

Which solutions are available to the customers when they face the problem or need to get the job done? What have they tried in the past? What pros & cons do these solutions have? i.e. pen and paper is an alternative to digital notetaking

- The user must get an alert in prior while they visit the website
- The website can be scanned so that the virus is prevented in user's mobile and computer.
- Check the links in domain name, server etc

Explore AS, differentiate

Focus on J&P, tap into BE, understand RC

2. JOBS-TO-BE-DONE / PROBLEMS

J&P

Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one; explore different sides.

- The phishing websites must be detected in prior.
- The user while visiting the website can be warned prior while they get into it.

9. PROBLEM ROOT CAUSE

RC

What is the real reason that this problem exists?
What is the back story behind the need to do this job?
i.e. customers have to do it because of the change in regulations.

- The hackers use new techniques for creating a fake website
- The ML prediction accuracy is less.
- There were not that much research is carried out in this field.
- Due to carelessness of the people.

7. BEHAVIOUR

BE

What does your customer do to address the problem and get the job done?
i.e. directly related: find the right solar panel installer, calculate usage and benefits;
indirectly associated: customers spend free time on volunteering work (i.e. Greenpeace)

- The user are provided with the anti phishing website in which they can check the legitimacy of the website
- If the user has these kind of experience then they give a warning to the one who doesn't have prior knowledge about the problems while using the website

Focus on J&P, tap into BE, understand RC

Identify strong TR & EM	<div> <div>3. TRIGGERS</div> <div>PR</div> <div> <ul style="list-style-type: none"> ➤ It receives alert messages in the link the user clicks ➤ They might have no prior knowledge about the kind of attacks done while clicking the websites. </div> </div>	10. YOUR SOLUTIONS	SL	<div> <div>8. CHANNELS of BEHAVIOUR</div> <div>CH</div> <div> <div>ONLINE</div> <div>#</div> <div> <ul style="list-style-type: none"> ➤ They provide all their personal details including credit card information to some websites </div> </div> <div> <div>OFFLINE</div> <div>#</div> <div> <ul style="list-style-type: none"> ➤ They try to research more information regarding attacks through books or from public </div> </div> </div>	Identify strong TR & EM
	<div> <div>4. EMOTIONS: BEFORE / AFTER</div> <div>EM</div> <div> <ul style="list-style-type: none"> ➤ They may feel insecure while using the website. ➤ They lose all their details and credit card information and because of that they feel frustrated. </div> </div> <div> <div>I.e. lost, insecure > condense, in control - use it in your communication strategy & design.</div> </div>				