

Ideation Phase

Problem Statements and Ideation Phase

Date	16 October 2022
Team ID	PNT2022TMID47905
Project Name	Project – WEB PHISHING DETECTION
Maximum Marks	2 Marks

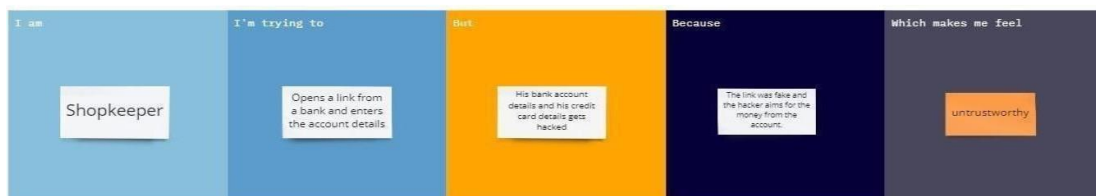
Customer Problem Statement Template:

As online transactions grew in popularity, cybercrimes also grew quickly. Because of the anonymity offered by the internet, hackers try to trick users by using techniques like phishing, SQL injection, malware, man-in-the-middle attacks, domain name system tunnelling, ransomware, web trojans, and other forms of attack. Phishing is said to be the most misleading of all of these tactics.

Problem - 1



Problem - 2



Problem - 3



Problem - 4



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Student	Opens an compromised link and enters the credentials	Gets Hacked	It was a Fake website	Insecure
PS-2	Shopkeeper	Opens a link from a bank and enters the account details	His bank account details and his credit card details gets hacked	The link was fake and the hacker aims for the money from the account.	untrustworthy
PS-3	Homemaker	make transactions for the purchased items from checkouts	Ended up as she purchases from an fake website	The website had an advertisement for discounts.	disappointed
PS-4	Employer	complete the tasks by the end of the day	Found an file through mail and opens it, and his company details gets hacked	the file seemed to be phishing and fake one	annoyed & disturbed

Brainstorming Ideation Phase:

Brainstorm & idea prioritization

Use this template in your own brainstorming sessions as your team can unleash their imagination and start shaping concrete even if you're not altogether sure about it.

15 mins to prepare
1 hour to brainstorm
24 hours to implement

Before you collaborate

A little bit of preparation goes a long way with the session. Here's what you need to do to get going.

- Team gathering
- Define what you want to achieve (this session will start on this. Please research information on your own ideas)
- Let the group
- How about the problem you're trying to solve? (this is the starting point)
- Let the problem go and let the ideas flow
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Define your problem statement

What problem are you trying to solve? Frame your problem as a flow (high level statement) that shows the focus of your innovation.

As online transactions grow increasingly ubiquitous also grow security. Because of the anonymity offered by the internet, hackers try to fool users by using techniques like phishing, SQL injection, malware, man-in-the-middle attacks, domain name system poisoning, ransomware, web worms, and other forms of attack. Phishing is said to be the most menacing of all of these tactics.

Brainstorm

Write down any ideas that come to mind that address your problem statement.

Abhinav B (Team Leader)

- Difficult to block "redacting pages" as these URLs can be changed
- To keep track of all potential phishing techniques, use an intelligent online security gateway
- Analysed comparison of trustworthy and fraudulent websites

Bhargavi G (Team member 1)

- Web phishing detection with advanced deployment
- Combining with phishing records with a spam repository
- Observation of recursive linking links to identify backlinks and establish connections to identify and isolate rather than the backwards

Navaneeth R (Team member 2)

- URL pathfinder, not being traced after detection of tampering
- By combining full real order domain names, homepage loading can be disabled
- To check for selected sites and prevent the phishing because most phishing and malware use the "http" address

Navaneeth R (Team member 3)

- Incorrectly worded keywords and odd website changes
- Responsible confirmation of consistent qualifications
- Verify secure web protocols like "https" usually