

Project Design Phase-I

Problem – Solution Fit Template

Date	01 October 2022
Team ID	PNT2022TMID21424
Project Name	Project – Detection of phishing websites
Maximum Marks	2 Marks

Template:

Define CS, fit into CC	1. CUSTOMER SEGMENT(S) CS	6. CUSTOMER CONSTRAINTS CC	5. AVAILABLE SOLUTIONS AS	Explore AS, differentiate
	<ul style="list-style-type: none"> Business Organization Online Banking Sector Those who use Websites and URL 's for surfing through internet 	Provides full access to scan the transaction process of the user and no breakdown of server connections	This is applied to three different machine learning classifier - support vector machine, logistic regression and Naive Bayes. After training and testing the algorithms, it is observed that Naive Bayes classifier recorded the highest accuracy	
Focus on J&P, map into BE, understand RC	2. JOBS-TO-BE-DONE / PROBLEMS J&P	9. PROBLEM ROOT CAUSE RC	7. BEHAVIOUR BE	Focus on J&P, map into BE, understand RC
	To identify the phishing sites and to protect users Credentials from hackers	Having the data without any protection using anti phishing technologies, So that attacker creates fake website and steal the data.	Customer finds the web phishing detection websites or applications and also the customer should provide all the transaction details of whole process .	
Identify strong & weak	3. TRIGGERS TR	10. YOUR SOLUTION SL	8.CHANNELS of BEHAVIOR CH	Identify strong & weak
	Customer will get triggered because of data get stolen, theft of money and loss of privacy.		<p>The links that gets checked for identifying phishing ,and we will be using various algorithm for making accurate prediction. Especially we are using Ada Boost Algorithm to make high accuracy prediction.</p>	
Identify strong & weak	4. EMOTIONS: BEFORE / AFTER EM	10. YOUR SOLUTION SL	8.CHANNELS of BEHAVIOR CH	Identify strong & weak
	<p>BEFORE : Believing that the data is protected and secured in the Organization.</p> <p>AFTER : Feeling depressed as the data and money have been stolen.</p>		<p>8.1 ONLINE</p> <p>Pass the URL as input and identify whether it is a phishing site or not.</p> <p>8.2 OFFLINE</p> <p>Using the phishing detection application to predict the phishing sites in offline mode(offload the app).</p>	