Project Design Phase II

Data Flow Diagram

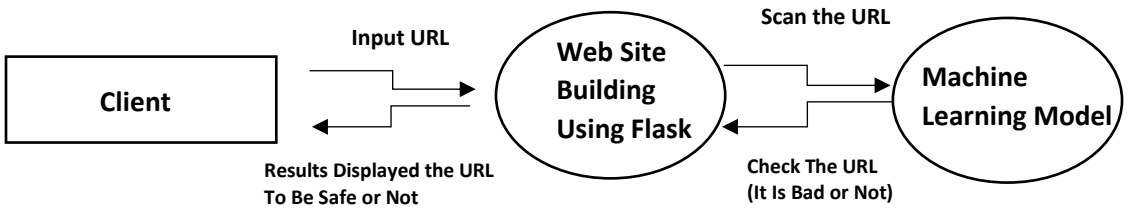
Date	03 October 2022
Team	PNT2022TMID51354
Project Name	Web Phishing Detection
Marks	4 Marks

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

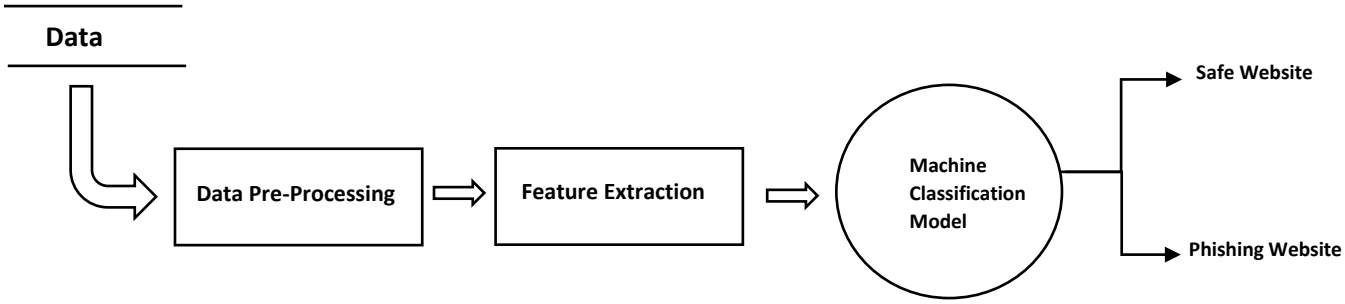
Diagrams:

DFL – 0

DFL - I



DFL – II



User Stories:

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptation Criteria	Priority	Release
Customer (web user)	Website	USN – 1	Some, times the user need to check the website to check particular URL is safe or not	Website has easy to use and responsive.	High	Sprint-1
	Alter Notification	USN – 2	If enter into some malicious link, notification has to be sent to me	Received notification in mobile or to my mail ID	Low	Sprint-1
	Blocking	USN – 3	Whenever the link is not safe to enter, it should block to use to me.	I can register and access the dashboard with Facebook login.		Sprint-2
	Allowing	USN – 4	If I wish to use that website then it should also allow me to enter into that website			Sprint-1
	Login	USN – 5	As a user, I can log into the application by entering email & password	The phishing website has to be determined correctly.	High	Sprint-1
	DSHBOARD					
Customer (web view)	User input	USN - 1	As a user I can enter the required URL in the box while awaiting validation	I can access the website without any problem	High	
Customer care executive	Feature extraction	USN - 1	In the event that nothing is discovered during comparison, we can extract features	As a user I can have comparison between websites for security	High	

			using a heuristic and a visual similarity technique.			
administrator	Prediction	USN - 1	The model will use machine learning algorithms like a logistic regression and KNN model to forecast the URL of the websites.	I can accurately forecast the specific algorithms in this way	High	
	classifier	USN - 2	To create the final product. I will now feed all of the model output to classifier.	I will use this to identify the appropriate classifier for generating the outcome	Medium	Sprint-2