Project Design Phase-II
Data Flow Diagram & User Stories

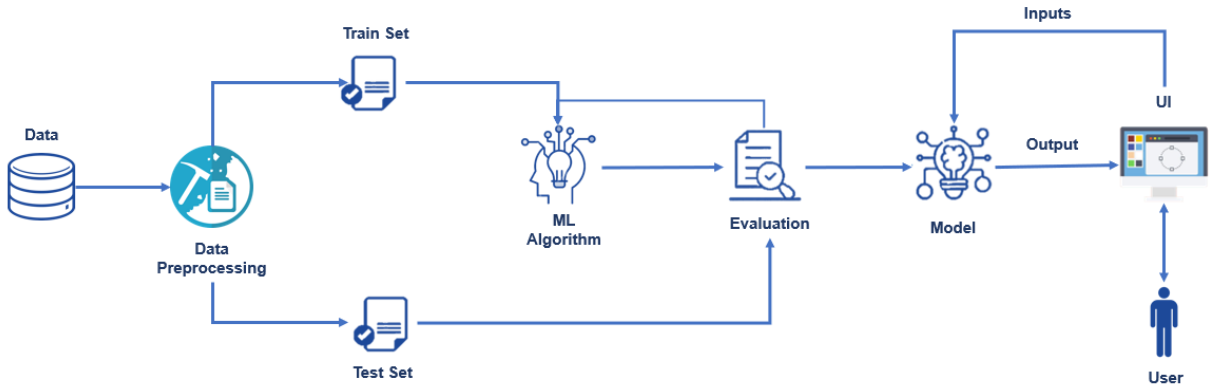
Date	03 October 2022
Team ID	**PNT2022TMID35278**
Project Name	Web Phishing Detection
Maximum Marks	4 Marks

Data Flow Diagrams:

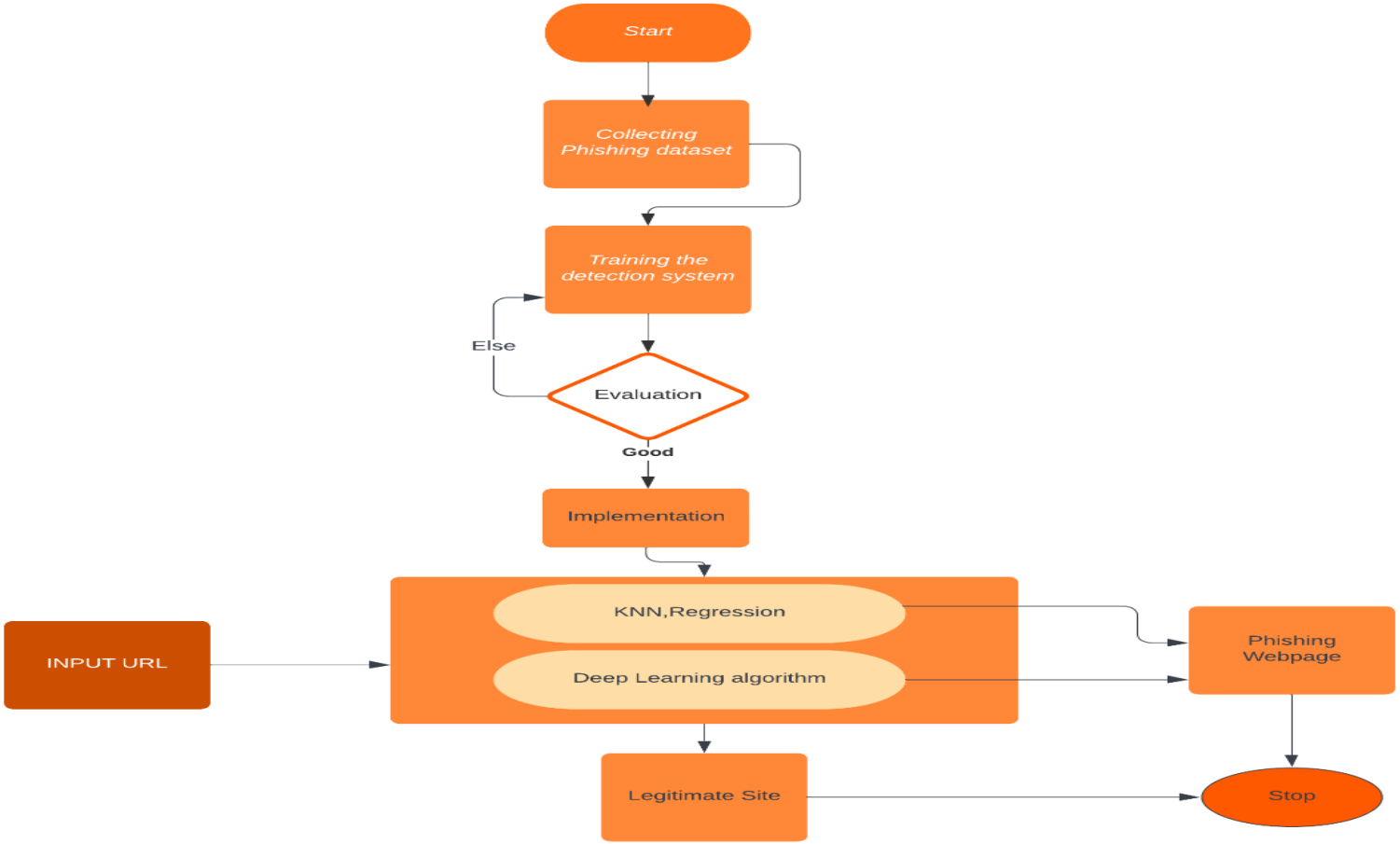
The flow of data of a system or a process is represented by DFD or Data Flow Diagram.It also gives insight into the inputs and outputs of each entity and the process itself. DFD does not have control flow and no loops or decision rules are present. Specific operations depending on the type of data can be explained by a flowchart.

Data Flow Diagram can be represented in several ways. The DFD belongs to structured-analysis modeling tools. Data Flow diagrams are very popular because they help us to visualize the major steps and data involved in software-system processes.

Example: (Simplified)



DFD Level 0:


Start
Collecting Phishing dataset
Training the detection system
Else
Evaluation
Good
Implementation
INPUT URL
KNN,Regression
Deep Learning algorithm
Phishing Webpage
Legitimate Site
Stop

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	Acceptance criteria	Priority	Release
Customer (Mobile user)	Contact	USN-1	As a user, I can contact directly to the administration system to inform about the performance.	I can contact directly by writing it in the contact form.	High	Sprint-1
		USN-2	As a user, I can engage with admin to report about query regarding the phishing website.	I can have a chat/conversation about the query	High	Sprint-1
	About	USN-3	As a user, I can read about the phishing and be well aware of the harmful sides of the websites.		High	Sprint-1
	Dashboard					
Customer (Web user)	User Input	USN-1	As a user I can input / type the particular URL in the Search field & thus get the prediction result of the website.	I can access the website without any frighting feel as I could know about website security.	High	Sprint-1
Customer Care Executive	Feature extraction	USN-1	After I compare, if in case none found on any comparison, then we can extract features using other various approach.	As a User I can have comparison between websites for security	High	Sprint-1
Administrator	Prediction	USN-1	Here the proposed model will predict the URL websites using Machine Learning algorithms such as Logistic Regression, KNN.	I can have correct prediction through the particular algorithms	High	Sprint-1
	Classifier	USN-2	Here I will predict the URL to give output in order to produce the final result by using classifier model.	In this I will find the correct classifier for predicting the result.	Medium	Sprint-2