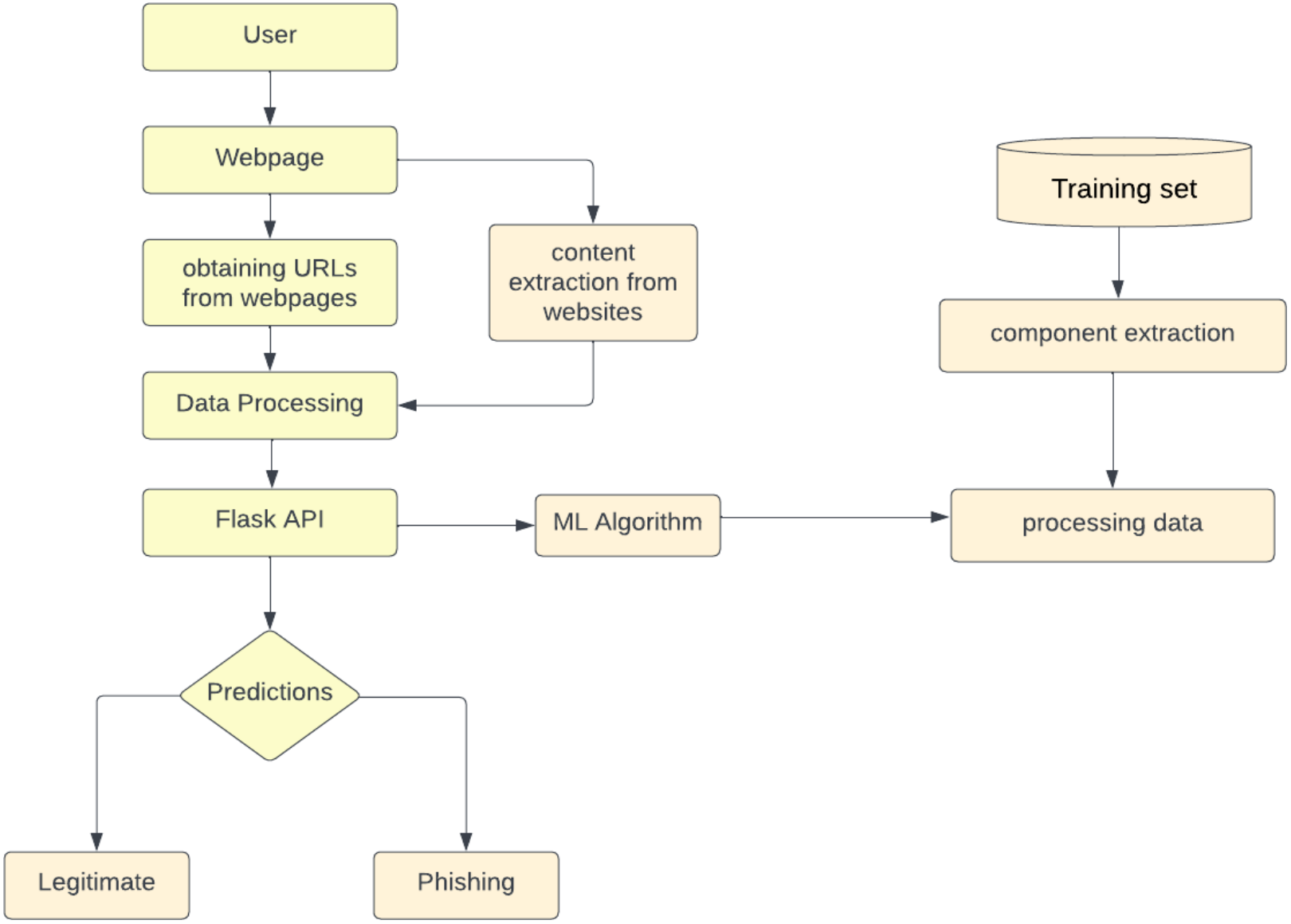
Project Design Phase-II

Data Flow Diagram & User Stories

Date	20th October 2022
Team ID	PNT2022TMID26256
Project Name	Web Phishing detection
Maximum Marks	4 marks

Data Flow Diagrams:

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.


User
Webpage
obtaining URLs from webpages
content extraction from websites
Data Processing
Flask API
ML Algorithm
Training set
component extraction
processing data
Predictions
Legitimate
Phishing

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)	Registration	USN-1	I can sign up for the application as a user by providing my email, password, and password confirmation.	I can access my account / dashboard	High	Sprint-1
		USN-2	When I register for the application as a user, I will get a confirmation email.	I can get a confirmation email and confirm it.	High	Sprint-1
		USN-3	I can sign up for the application as a user through Facebook.	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	Using Gmail, I may register as a user for the application.		Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by inputting email & password		High	Sprint-1
	Dashboard					

Customer (Web user)	User input	USN-1	I can enter a specific URL as a user in the necessary field while awaiting validation.	I can go access the website without any problem	High	Sprint-1
Customer Care Executive	Feature extraction	USN-1	In the event that nothing is discovered through comparison, we can extract features using heuristics and a visual similarity technique.	I may compare the security of several websites as a user.	High	Sprint-1
Administrator	Prediction	USN-1	Here the Model will predict the URL websites using Machine Learning algorithms such as Logistic Regression, KNN	In this i can have correct prediction on the particular algorithms	High	Sprint-1
	Classifier	USN-2	In this case, I'll provide the classifier the entire model's output in order to get the outcome.	I will do this to discover the appropriate classifier for generating the outcome.	Medium	Sprint-2