Project Design Phase-II
Data Flow Diagram & User Stories

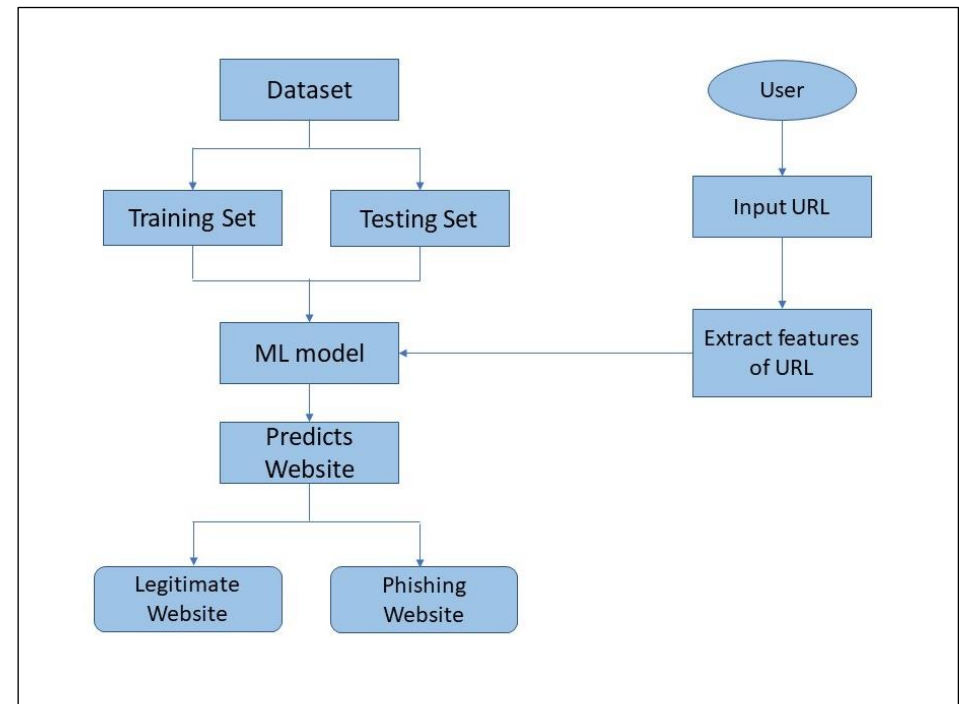| Date	03 October 2022
Team ID	PNT2022TMID15890
Project Name	Project – Web Phishing Detection
Maximum Marks	4 Marks

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.

Example: (Simplified)

1. User configures credentials for the Watson Natural Language Understanding service and starts the app.
2. User selects data file to process and load.
3. Apache Tika extracts text from the data file.
4. Extracted text is passed to Watson NLU for enrichment.
5. Enriched data is visualized in the UI using the D3.js library.

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 (Web user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
	Login	USN-2	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard	USN-3	After login, I can access my dashboard		High	Sprint-1
	User Input	USN-4	In dashboard, I can provide input URL which needs to be predicted	Can Access the website dynamically	High	Sprint-1
	Predict Website	USN-5	The website predicts the category of website using ML model like Logistic Regression, Random Forest Tree Classification etc trained by a certain dataset		High	Sprint-2
	Result	USN-6	As a user, I will be shown the result of the prediction.		High	Sprint-2
Administrator	Update Dataset	USN-7	As a admin of the website, the dataset for the model needs to be updated often.		High	Sprint-3