Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID36037
Project Name	Web Phishing Detection
Maximum Marks	4 Marks

Data Flow Diagrams:

DFD - 0

DFD - 1

Client → **Input URL** → Website built using Flask → **Scan URL** → ML model

ML model → **Predict The result (good/bad)** → Website built using Flask → **Display Result (safe to use/ Not safe to use)** → Client

DFD - 2

ML Model

Dataset

Data processing → Feature Extraction → ML classification Model → Safe website
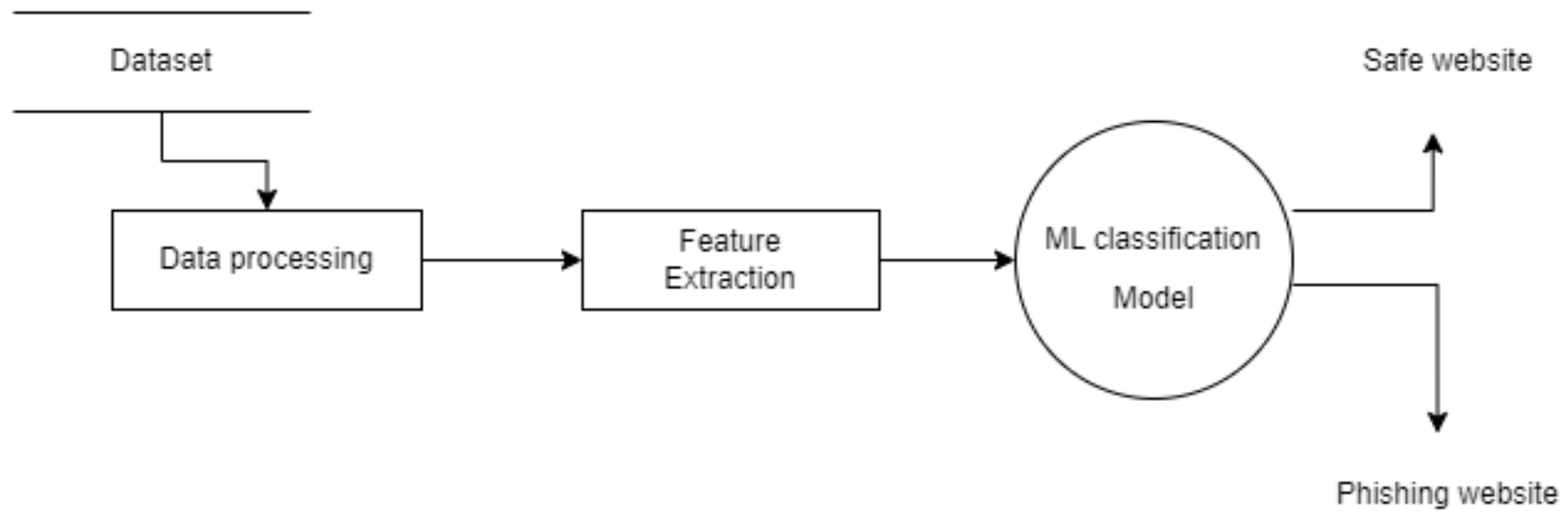
ML classification Model → Phishing website
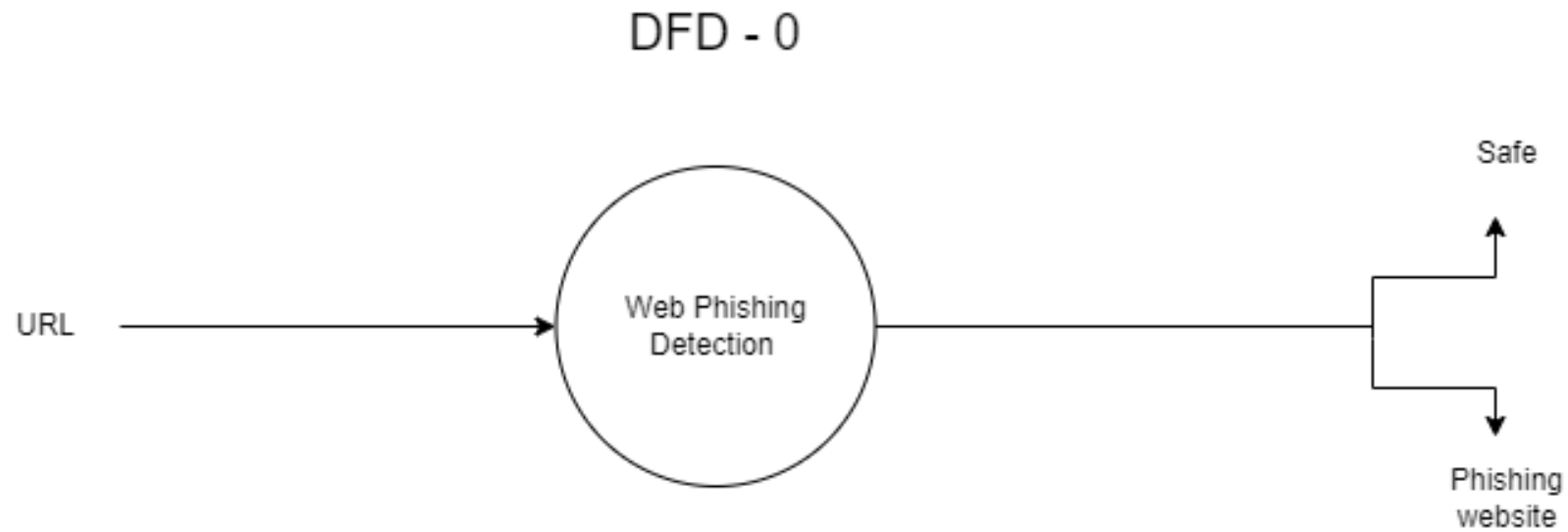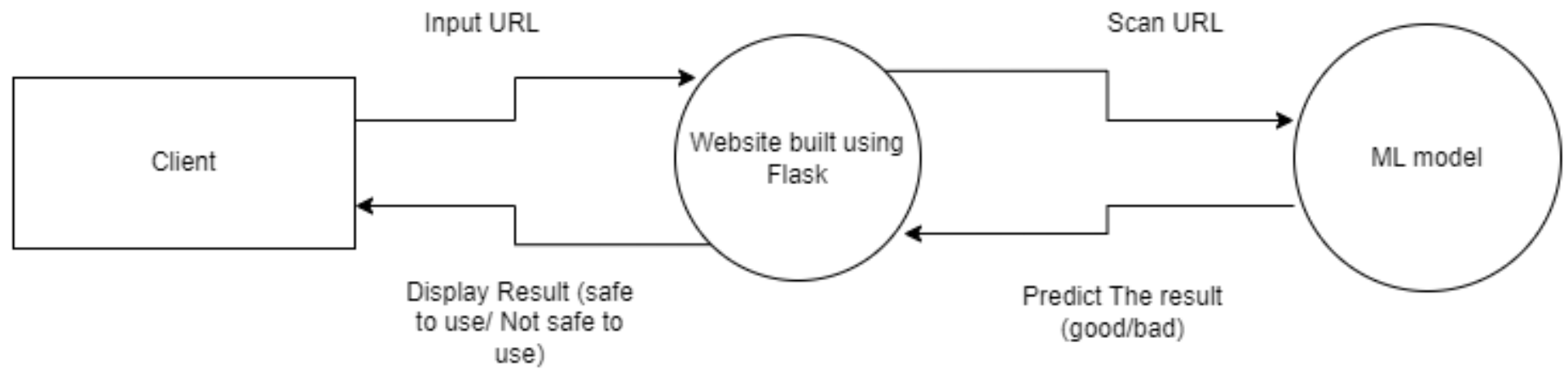
User Stories

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)	Website	USN-1	As a user, I need a website to check whether the URL is safe to enter or not.	Website should be user-friendly and responsive	High	Sprint-3
	Alert Notification	USN-2	If I enter into some Malicious Link , Notification has to be sent to me	Receive notification in mobile or to my mail id	Low	Sprint-3
	Blocking	USN-3	If the link is not safe to enter, It should block me to use that site.		High	Sprint-2
	Allowing	USN-4	If I wish to use that website then ,iT should also allow me to enter into that website		Medium	Sprint-2
	Accurate Prediction	USN-5	As a User, I need a correct result. There shouldn't be any anomaly	The phishing website has to be determined correctly.	High	Sprint-1