Project Design Phase-II
Data Flow Diagram & User Stories

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Date	31October 2022
Team ID	PNT2022TMID46888
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: DFD Level 0 (phishing detection)
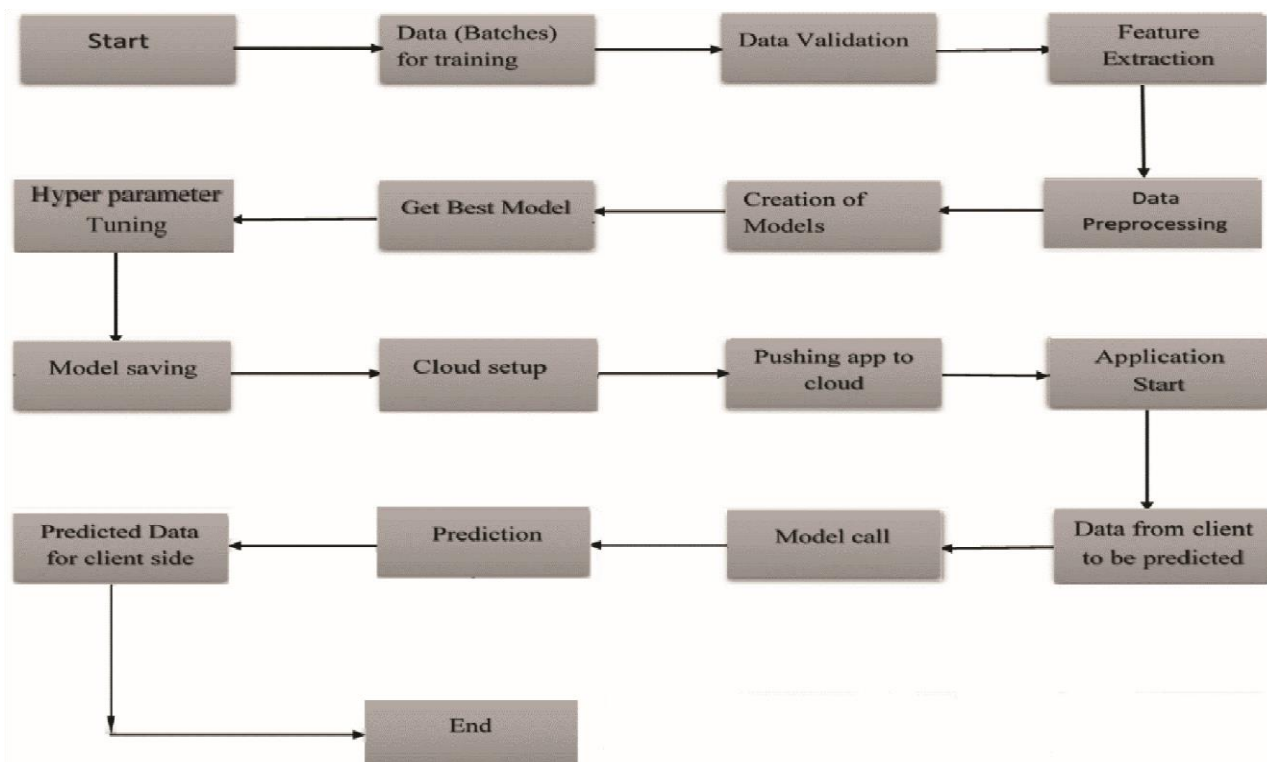
Example: (Simplified)
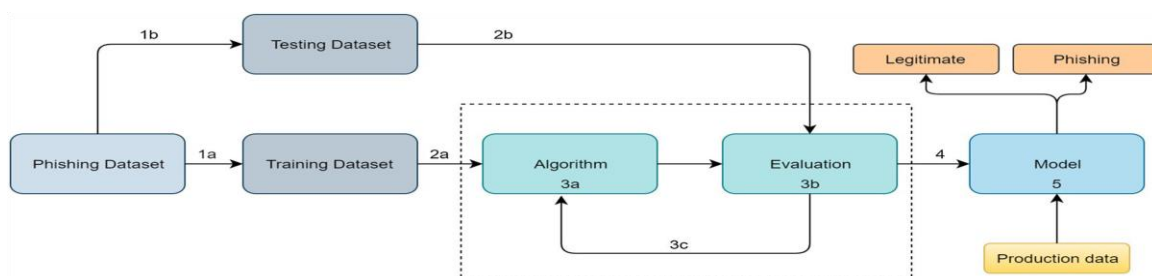
a) ML approaches are popular for phishing websites detection and it becomes a simple classification problem.
b) To train a machine learning model for a learning-based detection system, the data at hand must-have features that are related to phishing and legitimate website classes.
c) A batch of input data is given as input for training to the machine learning model to predict the legitimate traffic.
d) By reducing features, dataset visualization becomes more efficient and understandable.
e) The most significant classifiers that were used in various studies and are found to give good phishing attack detection accuracy are C4.5, k-NN, and SVM.

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)	User Registration	USN-1	Registration through Form Registration through Gmail Registration through Linked IN	I can access my account / dashboard	High	Sprint-1
	User Confirmation	USN-2	Confirmation via Email Confirmation via OTP	As a conditions that a software product must meet to be accepted by a user, a customer, or other systems.	High	Sprint-2
	Change Password	USN-3	Users have the option to change their password to something more familiar to them.	I can register & access the dashboard user cannot submit a form without completing all the mandatory fields	Medium	Sprint-2
Admin (Web User)	Invite Users	USN-4	Users must have the ability to invite other people to join the service via email invitation.	As a end-user testing, is a phase of software development in which the software is tested in the real world by its intended audience.	High	Sprint-3
	Block User	USN-5	Users must have the functionality to actively block any other member of the web application, disabling them from viewing to avoid the phishing.	Tap Block & Report . If you use a Google Workspace account and the person is in your organization, this option is Block.to confirm, tap Block.	High	Sprint-1

	Edit trusted user friend list	USN-6	Users must be allowed to modify their trusted users, giving them the power to decide who they can share photos with – sending or receiving.	To make sure that when user sends friend requests and another user accept it the friend list will change for both users.	High	Sprint-3