Project Design Phase-II
Technology Stack (Architecture & Stack)

Team ID	PNT2022TMID53652
Project Name	Project – Web Phishing Detection
Maximum Marks	4 Marks

Technical Architecture:

The Deliverable shall include the architectural diagram as below and information as per table 1 and 2.

Guidelines:

1. Include all the processes (As an application logic / Technology Block)
2. Provide infrastructural demarcation (Local / Cloud)
3. Indicate external interfaces (third party API's etc.)
4. Indicate Data Storage components / services
5. Indicate interface to machine learning models (if applicable)

SOLUTION ARCHITECTURE

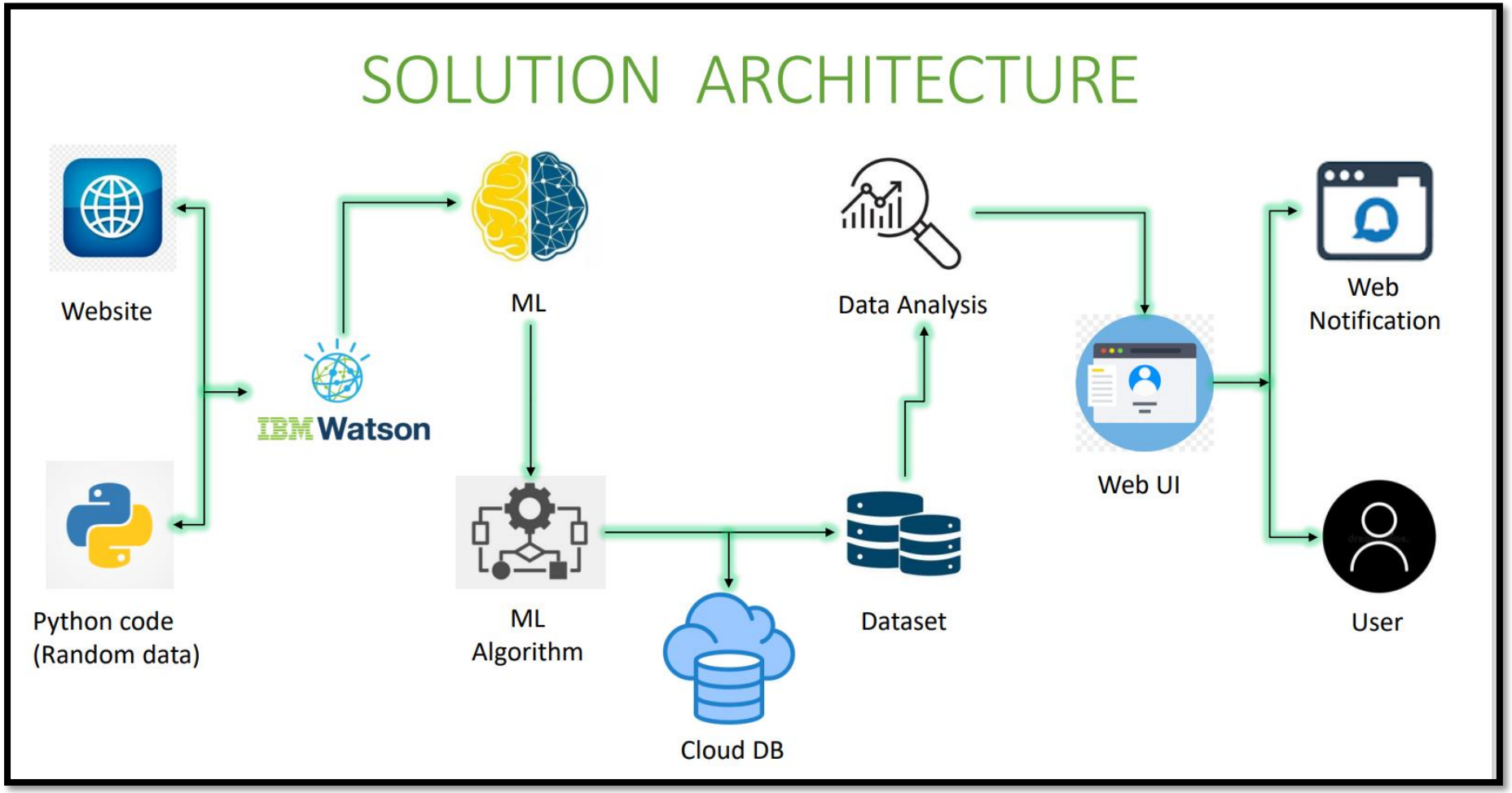

Table-1 : Components & Technologies:

S.No	Component	Description
1.	Website	How user interacts with application e.g. Web UI, Mobile App, Chatbot etc.
2.	Python	Code for random data
3.	Machine Learning Model	To identify anomalies
4.	ML algorithm	The logic behind the identification of errors
5.	Infrastructure (Server / Cloud)	Storage
6.	Data Analytics	Work on large data sets
7.	User Interface	User feasibility
8.	Web Notification	Report to user
9.	User	Utilize the resources.

Table-2: Application Characteristics:

S.No	Characteristics	Description
1.	Open-Source Frameworks	IBM Cloud , IBM Watson
2.	Security Implementations	Privacy and Security
3.	Scalable Architecture	Scalable over large data
4.	Availability	Open source for all users
5.	Performance	Effective with low false positives.