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

Date	03 October 2022
Team ID	PNT2022TMID41247
Project Name	Ai based localization and classification of skin disease with erythema
Maximum Marks	4 Marks

Technical Architecture:

The Deliverable shall include the architectural diagram as below and the information as per the table1 & table 2

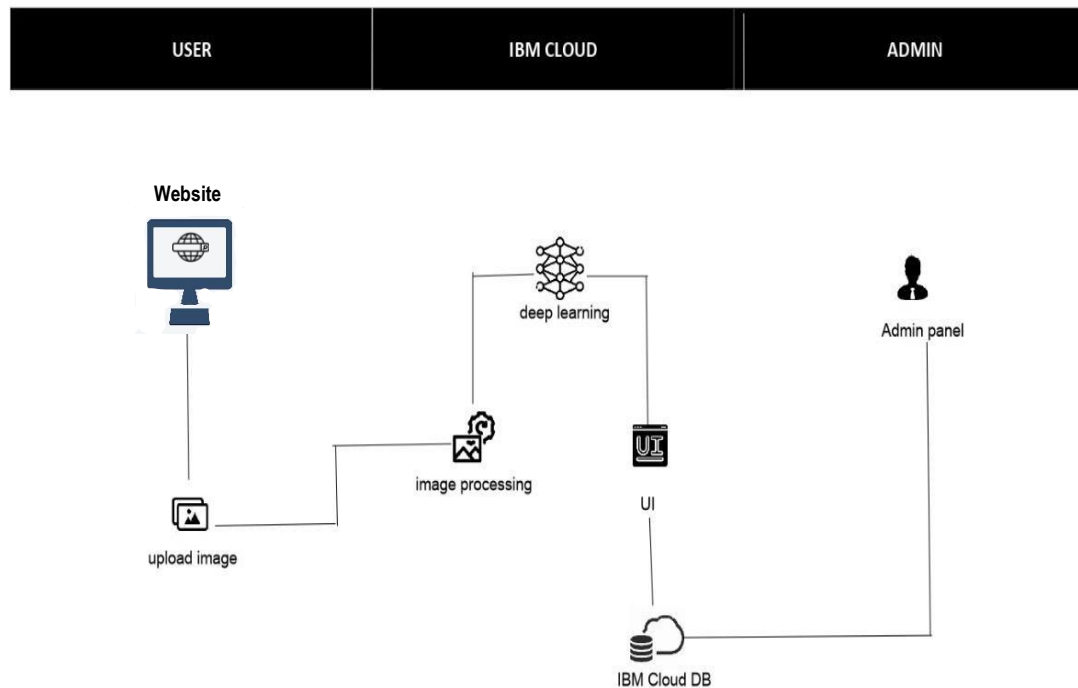**Example: Order processing during pandemics for offline mode**

Table-1 : Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	Mobile App	HTML, CSS, JavaScript / Angular Js / React Js etc.
2.	Application Logic-1	Logic for a process in the application	Python
3.	Application Logic-2	Logic for a process in the application	IBM Watson STT service
4.	Application Logic-3	Logic for a process in the application	IBM Watson Assistant
5.	Database	Data Type, Configurations etc.	MySQL, Mongo DB
6.	Cloud Database	Database Service on Cloud	IBM Cloudant etc.

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	List the open-source frameworks used	Open cloud
2.	Security Implementations	List all the security / access controls implemented, use of firewalls etc.	IBM Cloud Bare Metal Server
3.	Scalable Architecture	Justify the scalability of architecture (3 – tier, Micro-services)	SOA
4.	Availability	Justify the availability of application (e.g. use of load balancers, distributed serversetc.)	IBM Cloud Load balancer
5.	Performance	Design consideration for the performance of the application (number of requests per sec, use of Cache, use of CDN's) etc.	IBM Cloud Lite plan