PROJECT DESIGN PHASE -II
TECHNOLOGY STACK (ARCHITECTURE & STACK)

DATE	03 OCTOBER 2022
TEAM ID	PNT2022TMID26326
PROJECT NAME	PLASMA DONOR APPLICATION
MAXIMUM MARKS	4 MARKS

TECHNICAL ARCHITECTURE:

The Deliverable shall include the architectural diagram as below and the information as per the table1 & table2

Examples: Plasma donor application for online & offline mode

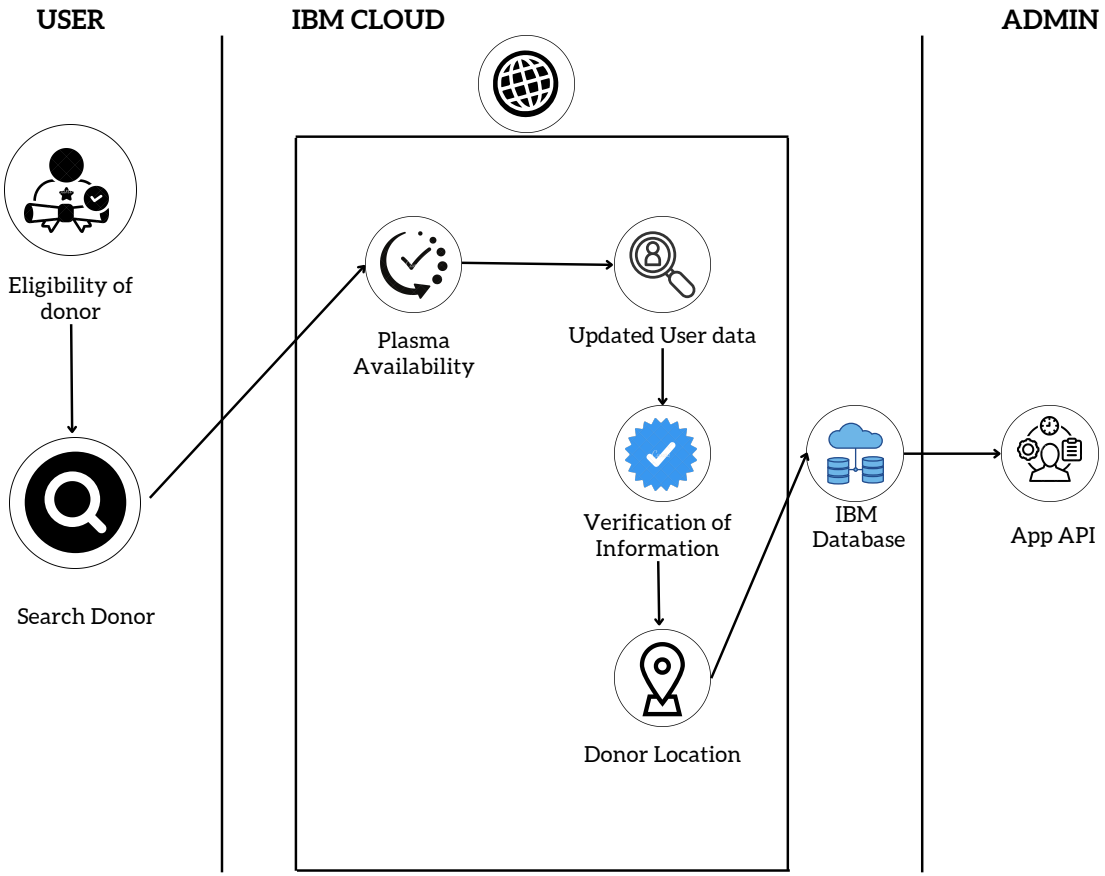

TABLE-1:COMPONENTS & TECHNOLOGIES

S.NO	COMPONENTS	DESCRIPTION	TECHNOLOGIES
1.	USER INTERFACE	How user interacts with the application	HTML,CSS,JavaScript,Angular Js, React JS etc
2.	APPLICATION LOGIC - I	Logic for a process in the application	JAVA /PYTHON
3.	APPLICATION LOGIC - II	Logic for a process in the application	IBM Watson STT service
4.	DATABASE	Data type ,Configuration etc..	IBM Watson Assistant
5.	CLOUD DATABASE	Database services on Cloud	IBM DB2, IBM Cloudant
6.	FILE STORAGE	File storage requirments	IBM Block storage or Local Storage
7.	EXTERNAL API -1	Purpose of the External API used in the application	IBM Location API or GOOGLE Map API
8.	EXTERNAL API -2	Purpose of the External API used in the application	Aadhar API,etc
9.	INFRASTRUCTURE	Application of deployment on local system /Cloud • Local Server Configuration • Cloud server configuration	Local,Cloud Fountry,Kubernets etc...

TABLE-2:APPLICATION CHARCTERSTICS

S.NO	COMPONENTS	DESCRIPTION	TECHNOLOGIES
1.	OPEN SOURCE FRAMEWORKS	List of open source framework used	Technology of Opensource Framework
2.	SECURITY IMPLEMENTATIONS	List of all the Security and access controls implemented ,use of Firewalls Etc..	SHA -26,Encryptions,IAM Controls
3.	SCALABLE ARCHITECTURE	Justify the Scalability of the architecture	Technology Used
4.	AVAILABILITY	Justify the availability of the application	Technology Used
5.	PERFORMANCE	Design consideration for the performance of the application	Technology Used