

Project Design Phase-II

Technology Stack (Architecture & Stack)

Date	03 October 2022
Team ID	PNT2022TMID49311
Project Name	Project - PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF - RELIANT
Maximum Marks	4 Marks

Technical Architecture:

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

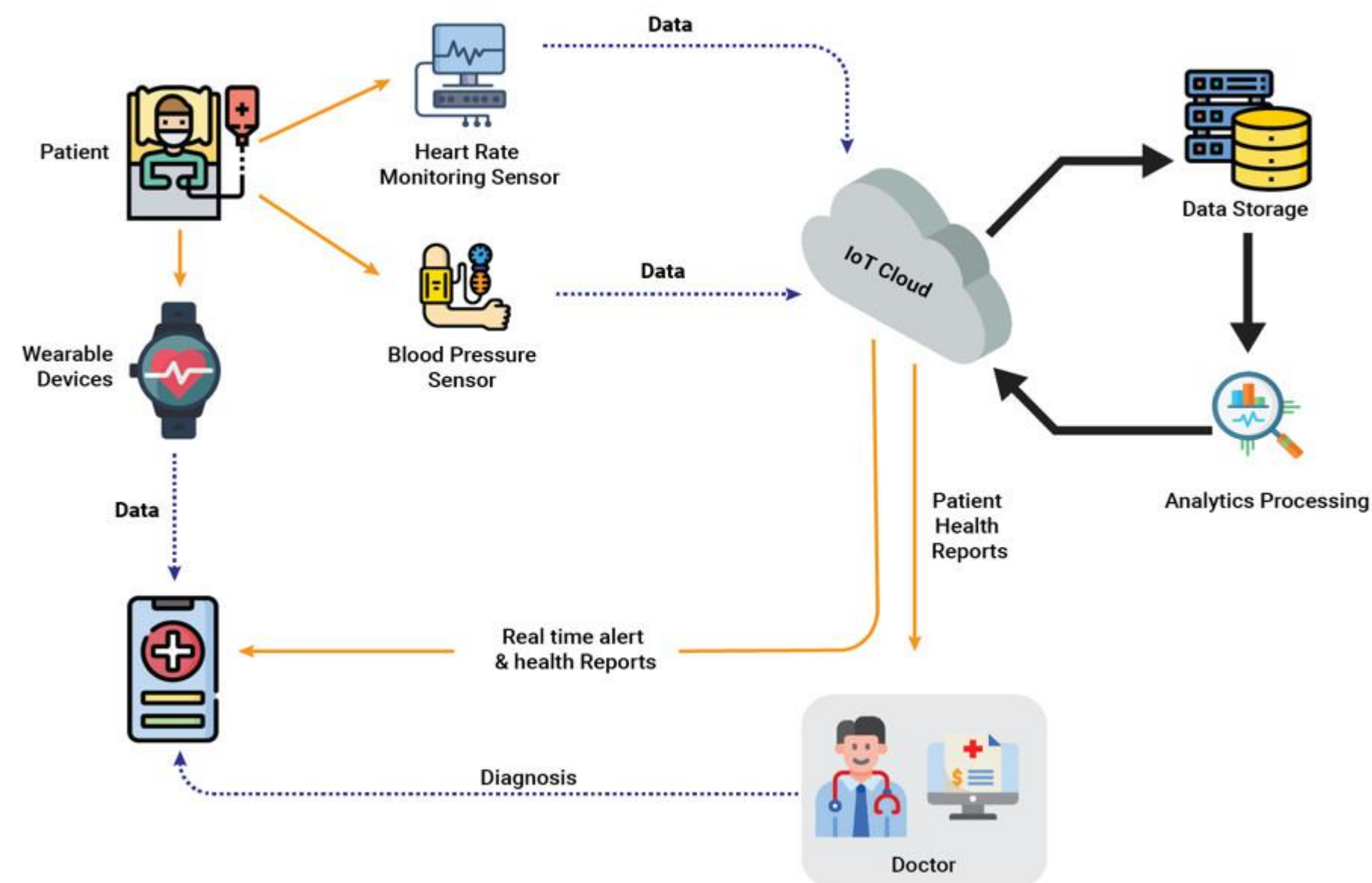


Table-1 : Components & Technologies:

S. NO	COMPONENT	DESCRIPTION	TECHNOLOGY
1.	User Interface	Medication reminders save as a good way to stay on track and upload an appropriate schedule	HTML, CSS, JavaScript / Angular Js / React Js etc.
2.	Application Logic-1	Logic for real time application	Java / Python
3.	Application Logic-2	Logic for real time application	Amazon Lex
4.	Application Logic-3	Logic fo real time application	IBM Watson Assistant
5.	Database	Data Type, Configurations etc.	MySQL, NoSQL, etc.
6.	Cloutf Database	Database Service on Cloutf	IBM DB2, IBM Cloutfant etc.
7.	File Storage	File storage requirements	IBM Block Storage or Other Storage Service or Local Filesystem
8.	External API-1	Purpose of External API used in the application	IBM Weather API, etc.
9.	External API-2	Purpose of External API used in the application	AWS,IOT, etc.
10.	Machine Learning Motfel	Purpose of Machine Learning Motel	Object Recognition Motel, etc.
11.	Infrastructure (Server / Cloutf)	Application Deployment on Local System / Cloutf Local Server Configuration:IOT machine reminder Cloud Server Configuration : pill reminder server	Local, Cloud Foundry, Kubernetes, etc.

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	List the open-source frameworks used	Technology local, cloud foundation.
2.	Security Implementations	The alarm system, U1 system, wireless device, sensors, monitoring system	IoT technology.
3.	Scalable Architecture	It allows to create customisable reminder of when to take your medicine	Arduino, cloud foundation
4.	Availability	The app has these features the option of scheduling multiple	Arduino system
		reminder	
5.	Performance	One alarm vibration vibrates strong enough when placed inside a pillow case that it take medicine	pill reminder

