

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

Date	03 October 2022
Team ID	PNT2022TMID33439
Project Name	Personal Assistance for Seniors Who Are SelfReliant
Maximum Marks	4 Marks

Technical Architecture:

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

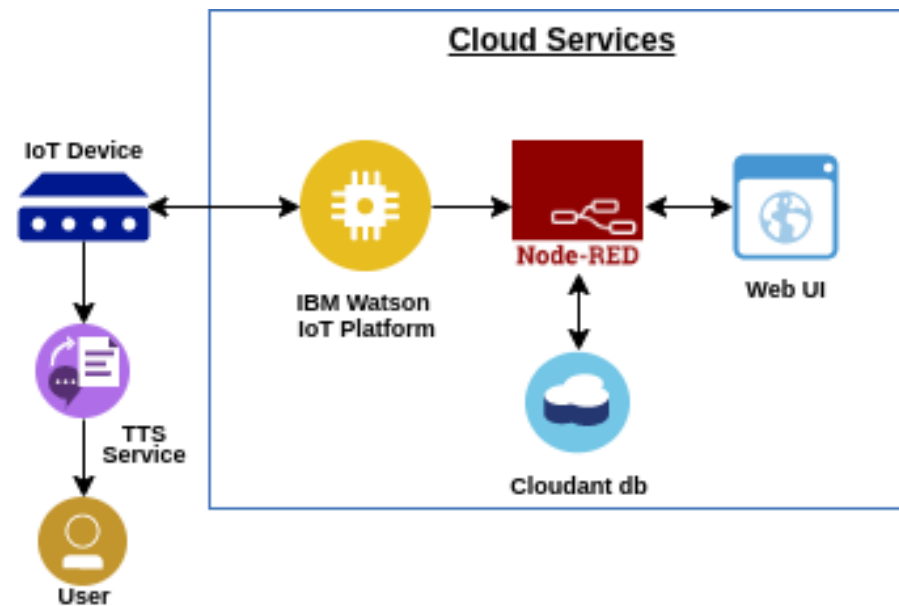


Table-1 : Components & Technologies:

S. No	Component	Description	Technology
1.	Text To Speech	How user interacts with application e.g. Web UI, Mobile App, Chatbot etc.	HTML, CSS, JavaScript / Angular Js / React Js etc.
2.	Application Logic-1	Logic for a process in the application for application access	Java / Python
3.	cloudDatabase	Data Type, Configurations etc.	MySQL, NoSQL, etc.
4.	Nodered	create functionality by wiring together flows of data between nodes using a browser.	Node red
5.	Web UI	Used for online connectivity	HTML, CSS, JavaScript / Angular Js / React Js etc

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	List the open-source frameworks used	Technology of Opensource framework
2.	Security Implementations	The model is secured by Login Id and Password	It should be encrypted and decrypted in database
3.	Scalable Architecture	It should be scalable when more number of users uses the application	Technology used
4.	Availability	It should be available in both online and offline mode	Technology used
5.	Performance	It should be in good performance because of the architecture	Technology used