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

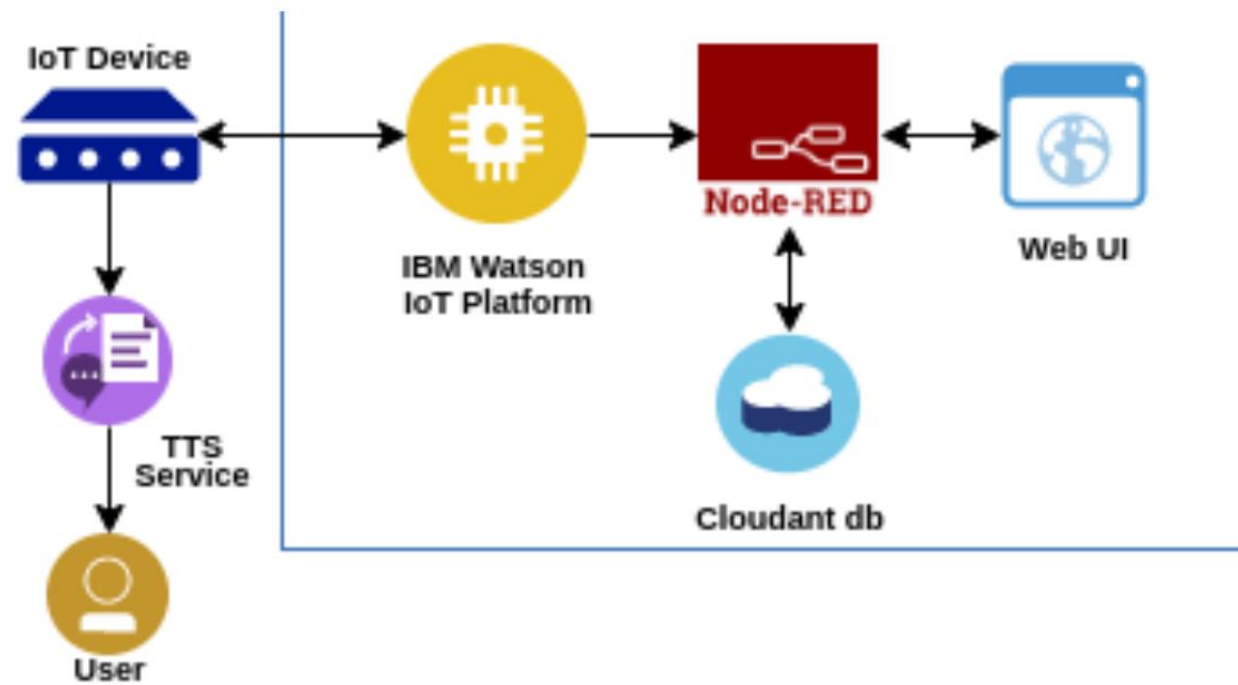| Date	03 October 2022
Team ID	PNT2022TMID21355
Project Name	Project - Personal Assistance for Seniors Who Are Self-Reliant
Maximum Marks	4 Marks

Technical Architecture:

Table-1: Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	Sign up, Sign in, Add Edit and Delete Medicines, Set Remainders, Get Details of nearby hospitals and pharmacies, Logout.	HTML, CSS, JavaScript / Angular Js / React Js etc.
2.	Application Logic-1	Checks for medicines at specific periods of time.	Java / Python
3.	Application Logic-2	Generates Notification	IBM Watson TTS service
4.	Application Logic-3	Snoozes or turns off the notification.	IBM Watson Assistant
5.	Database	Data Type, Configurations etc.	MySQL, NoSQL, etc.
6.	Cloud Database	Database Service on Cloud	IBM DB2, IBM Cloudant etc.
7.	File Storage	File storage requirements	IBM Block Storage or Other Storage Service or Local Filesystem

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Scalable Architecture	Can find opportunities at • Homes of independent elderlies • Hospitals • Old age homes • Places to assist caretakers	IOT
2.	Availability	Can be downloaded and installed in android, ios and other systems. Can be accessed using different devices by getting data from cloud.	IBM Cloud
3.	Performance	Notifies Medicines to be taken at specified time.	IOT