PROJECT DESIGN PHASE-II

TECHNOLOGY ARCHITECTURE

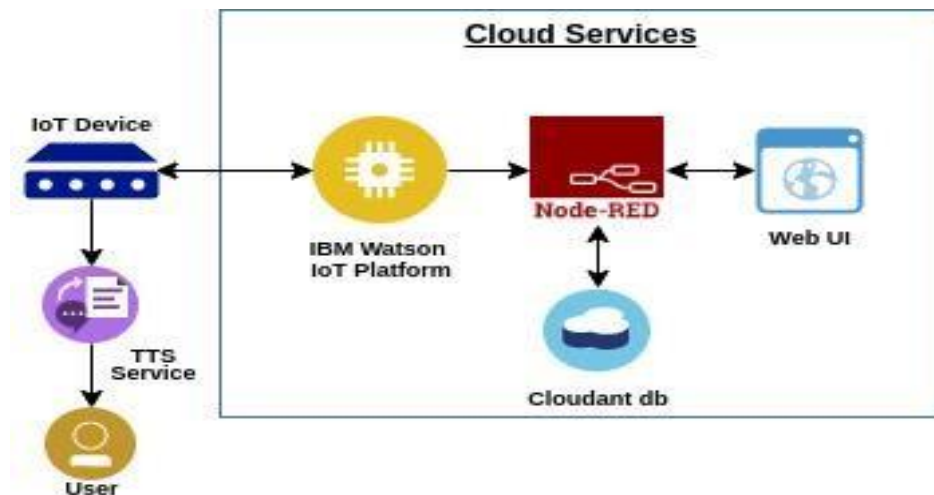| Date	30 October 2022
Team ID	PNT2022TMID50154
Project Name	Personal Assistance For Seniors Who Are Self- Reliant
Maximum Marks	4Marks

Technical Architecture:

Table-1:Components and Technologies:

S.No	Components	Description	Technology
1	User interface	Web Application	Python Form
2	Application Logic-1	Gathering medicine details	Python
3	Application Logic-2	Alarms	IBM Waston
4	Cloud Database	Database Service on Cloud	IBM Cloudant DB

Table-2 Application Characteristics:

S.No	Chracteristics	Description	Technology
1	Open-source Frameworks	Mobile,application development setup,programming the IOT device,text to speech service,storing details in cloud	MIT,IBM Watson,Node red,IBM Cloud
2	Security Implementations	Implementing encryption for security purpose	SHA-256
3	Scalable Architecture	Application is able to load as many members as logged in	MIT,IBM Watson
4	Availability	Application is available 24/7	MIT,IBM Watson,node red,IBM Cloud
5	Performance	Reminder with correct timing	IBM Watson ,IBM IoT Platform