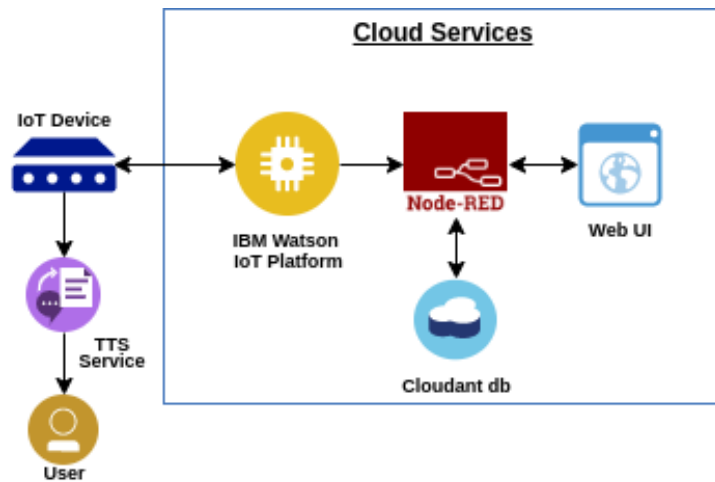


**Project Design Phase-II**  
**Technology Stack (Architecture & Stack)\**  
**Personal Assistance For Seniors Who Are Self-Reliant**

**Technical Architecture:**



**Table-1 : Components & Technologies:**

S.No	Component	Description	Technology
1.	User Interface	Mobile App	MIT

2.	Application Logic-1	Gathering medicine details and check the timings	Python
3.	Application Logic-2	alarms	IBM Watson
4.	Cloud Database	Database Service on Cloud	IBM Cloudant DB

**Table-2: Application Characteristics:**

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	Mobile application development,iot 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,ibmiotf