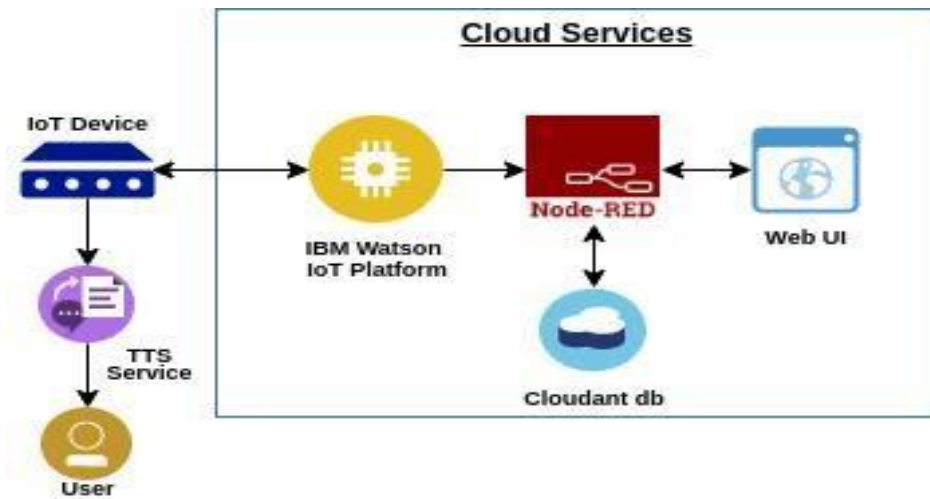


## TECHNOLOGY ARCHITECTURE

DATE	07 NOVEMBER 2022
TEAM ID	PNT2022TMID13089
PROJECT NAME	PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF- RELIANT
MAXIMUM MARKS	4 MARKS

### TECHNICAL ARCHITECTURE:



**TABLE-1:** Components and Technologies

S.NO	COMPONENTS	DESCRIPTION	TECHNOLOGY
1	User interface	Mobile App	MIT
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**

<b>S.NO</b>	<b>CHARACTERISTICS</b>	<b>DESCRIPTION</b>	<b>TECHNOLOGY</b>
<b>1</b>	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
<b>2</b>	Security Implementations	Implementing encryption for security purpose	SHA-256
<b>3</b>	Scalable Architecture	Application is able to load as many members as logged in	MIT,IBM Watson
<b>4</b>	Availability	Application is available 24/7	MIT,IBM Watson,node red,IBM Cloud
<b>5</b>	Performance	Reminder with correct timing	IBM Watson ,IBM IoT Platform