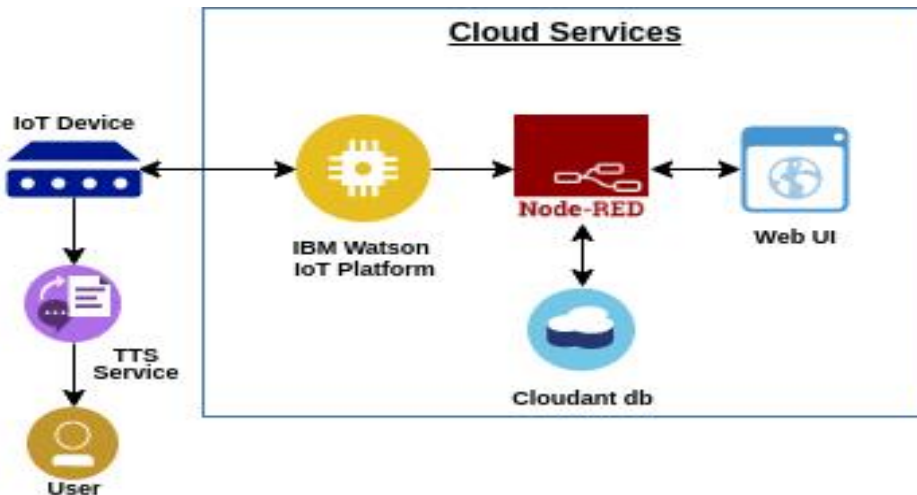


# PROJECT DESIGN PHASE-I

## TECHNOLOGY ARCHITECTURE

<b>Date</b>	<b>22 October 2022</b>
<b>Team ID</b>	<b>PNT2022TMID52345</b>
<b>Project Name</b>	<b>Personal Assistance For Seniors Who Are Self- Reliant</b>
<b>Maximum Marks</b>	<b>4Marks</b>

### Technical Architecture:



**Table-1:Components and Technologies:**

<b>S.No</b>	<b>Components</b>	<b>Description</b>	<b>Technology</b>
<b>1</b>	User interface	Mobile App	MIT
<b>2</b>	Application Logic-1	Gathering medicine details	Python
<b>3</b>	Application Logic-2	Alarms	IBM Waston
<b>4</b>	Cloud Database	Database Service on Cloud	IBM Cloudant DB

**Table-2 Application Characteristics:**

<b>S.No</b>	<b>Chracteristics</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