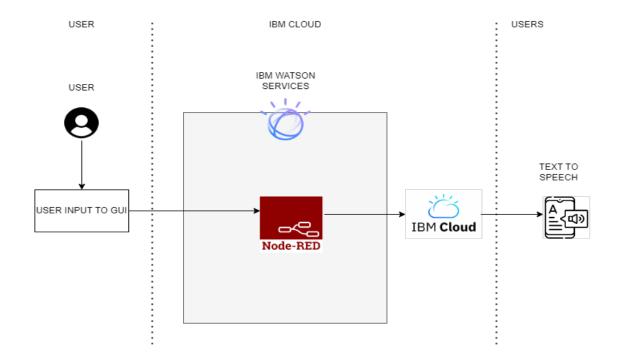
## Project Design Phase-II Technology Stack (Architecture & Stack)

Date	04 November 2022	
Team ID	PNT2022TMID13442	
Project Name	Personal Assistance For Seniors Who Are Self-	
	Reliant	
Maximum Marks	4 Marks	

## **Technical Architecture:**

The Deliverable shall include the architectural diagram as below and the information as per the table 1 & table 2



## Table-1 : Components & Technologies:

S, JavaScript
n Device
ant
eech API
ndry
a

**Table-2: Application Characteristics:** 

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	open-source frameworks used in IBM Watson	Technology of Opensource framework IBM Watson
2.	Security Implementations	IBM Cloud	Watson Assistant has certifications such as ISO,SOC2,US HIPPA,European Union GDPR,PCI DSS. We use security systems such as TCS/SSL,IPSEC,Third party CAs,HTTPS,Encrypted file system,Encrypted storage systems,key management systems,AES -256 bit
3.	Scalable Architecture	Web interface architecture consist of four pillars. They are intents, entities ,data flow, scripts (3 – tier architecture Micro-services architecture)	Technology used IBM Watson Assistant
4.	Availability	The Web interface is made available using load balancers, distributed servers etc.	Technology used BM Watson Assistant
5.	Performance	IBM Watson –automate processes	Technology used BM Watson

## References:

https://c4model.com/

https://www.ibm.com/cloud/architecture

https://aws.amazon.com/architecture

https://medium.com/the-internal-startup/how-to-draw-useful-technical-architecture-diagrams-2d20c9fda90d