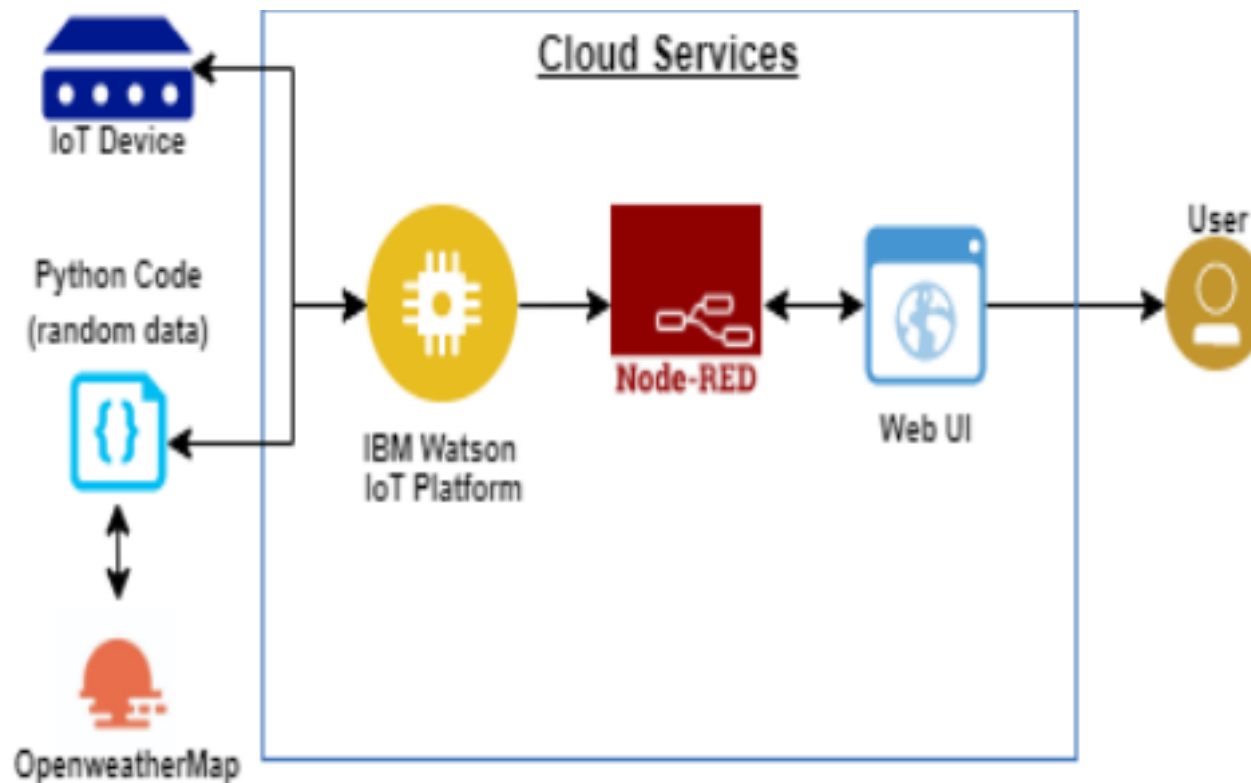


## Project Design Phase- II

### Technology Stack (Architecture & Stack)

Date	15 October 2022
Team ID	PNT2022TMID46406
Project Title	Signs With Smart Connectivity for Better Road Safety
Maximum Marks	4 Marks

#### Technical Architecture :



**Table 1: Components & Technologies:**

S.No	Component	Description	Technology
1.	User Interface	In what way we have to interact with the application	HTML, CSS, Java Script
2.	Application Logic-1	Logic for a process in the application	Python/Java
3.	Application Logic-2	Logic for a process in the application	IBM Watson STT service
4.	Application Logic-3	Logic for a process in the application	IBM Watson Assistant
6.	Cloud Database	Cloud which has database service	IBM DB2, IBM Cloudant etc.,
7.	External API-1	Purpose of External API used in the application	IBM Weather API

**Table 2: Application Characteristics:**

S.No	Characteristics	Description	Technology
1.	Security Implementations	Here no one will be able to access without login credentials in a very strong security system	IAM controls, Firewall, Cyber resiliency strategy
2.	Scalable Architecture	By increasing the bandwidth the operating range can be increased	IOT Internet
3.	Availability	Available 24/7	IBM Cloud

4.	Performance	It can support a large amount of users to access the technology	IBM Cloud
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