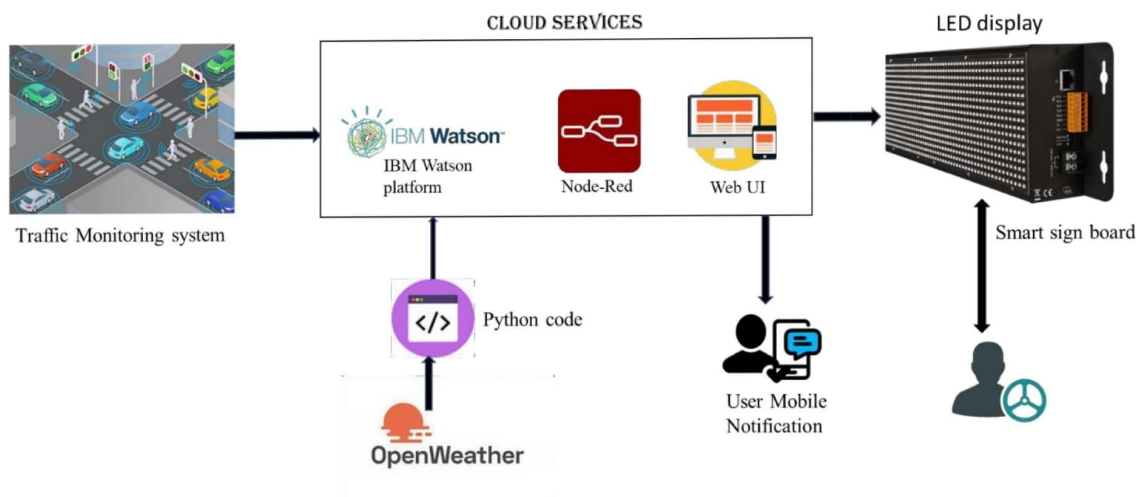


**Technical Architecture:**

The Deliverable shall include the architectural diagram as below and the information as per the table1 & table 2



Guidelines:

1. Include all the processes (As an application logic / Technology Block)
2. Provide infrastructural demarcation (Local / Cloud)
3. Indicate external interfaces (third party API's etc.)
4. Indicate Data Storage components / services
5. Indicate interface to machine learning models (if applicable)

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

| S.No | Component           | Description   | Technology   |
|------|---------------------|---|--|
| 1.   | User Interface      | How user interacts with application e.g. Web UI, Mobile App, Chatbot etc. | HTML, CSS, JavaScript / Angular Js / React Js etc.             |
| 2.   | Application Logic-1 | Logic for a process in the application                                    | Java / Python  |
| 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   |
| 5.   | Database            | Data Type, Configurations etc.  | MySQL, NoSQL, etc.   |
| 6.   | Cloud Database      | Database Service on Cloud   | IBM DB2, IBM Cloudant etc.                                     |
| 7.   | File Storage        | File storage requirements   | IBM Block Storage or Other Storage Service or Local Filesystem |

|    |                |   |                       |
|----|----------------|---|-----------------------|
| 8. | External API-1 | Purpose of External API used in the application | IBM Weather API, etc. |
|----|----------------|---|-----------------------|

**Table-2: Application Characteristics:**

| S.No | Characteristics          | Description  | Technology                                    |
|------|--------------------------|--|---|
| 1.   | Security Implementations | Strong security system that anyone without login credentials and hackers are not allowed to enter the network. | Firewall, Firebase, cyber resiliency strategy |
| 2.   | Scalable Architecture    | Easy to expand the operating range by increasing the bandwidth of the network.                                 | IoT, internet.                                |
| 3.   | Availability             | Available anytime and everywhere 24/7 as long as the user is signed into the network.                          | IBM Cloud                                     |
| 4.   | Performance              | Supports a large number of users to access the technology simultaneously.                                      | IBM Cloud                                     |