

Project Design Phase-II

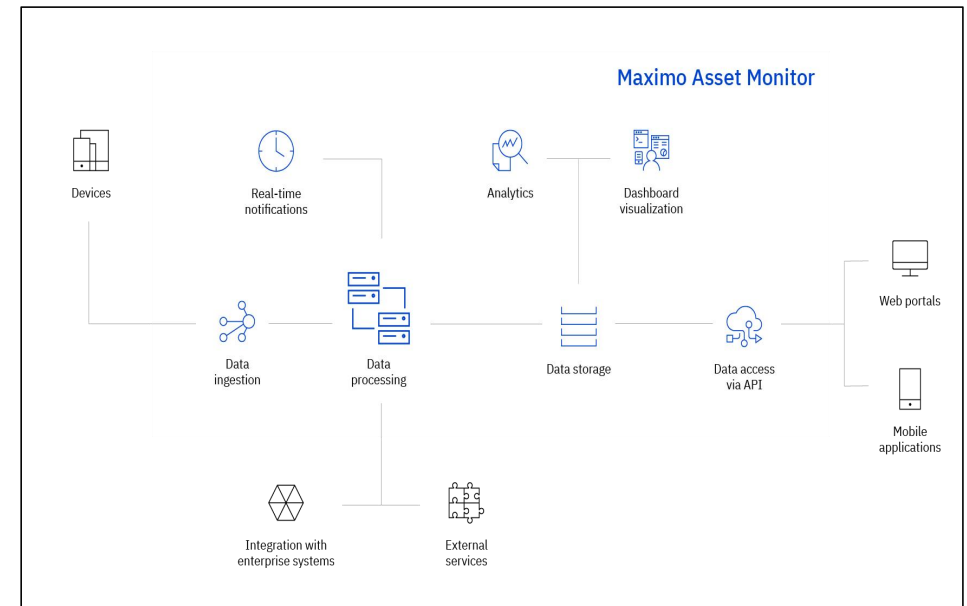
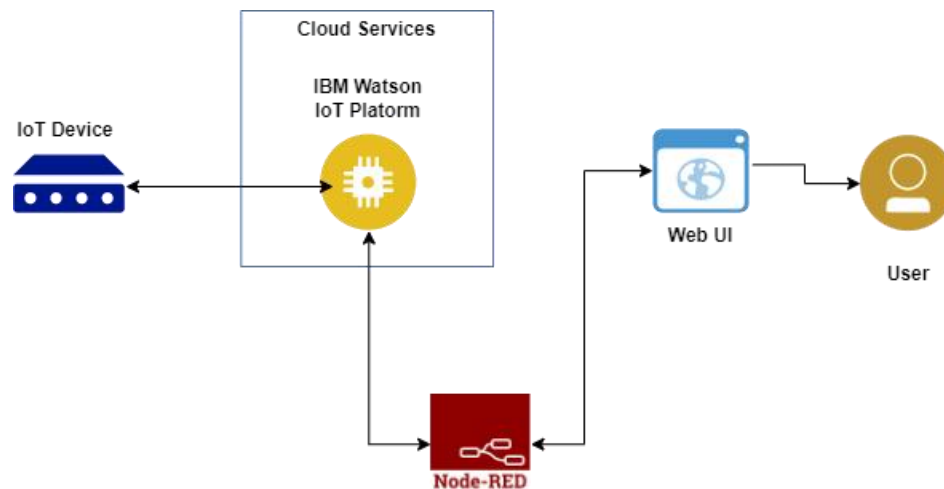
Data Flow Diagram & User Stories

Date	1 May 2023
Team ID	NM2023TMID09251
Project Name	Industrial Workers Health and Safety System based on Internet of Things

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Architecture



Gain knowledge of Watson IoT Platform
 Explore Wokwi Platform
 Explore the devices and its simulation of the wokwi platform.
 Explore the libraries present in Wokwi.
 Will be able to code to connect the devices across the cloud platform.
 Connecting the devices on wokwi to the IoT platform device to exchange the sensor data.
 Gain knowledge of creating devices and platforms using IBM Watson IoT Platform.
 Gain knowledge of web application development through node-red.

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Team Member
Customer	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Prakash raj
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Praveen kumar
		USN-3	As a user, I can register for the application through Gmail		Medium	vijayasharma
	Login	USN-4	As a user, I can log into the application by entering email & password		High	Vetri raja
	Dashboard	USN-5	User can the see data of the devices from cloud		high	Prakash raj