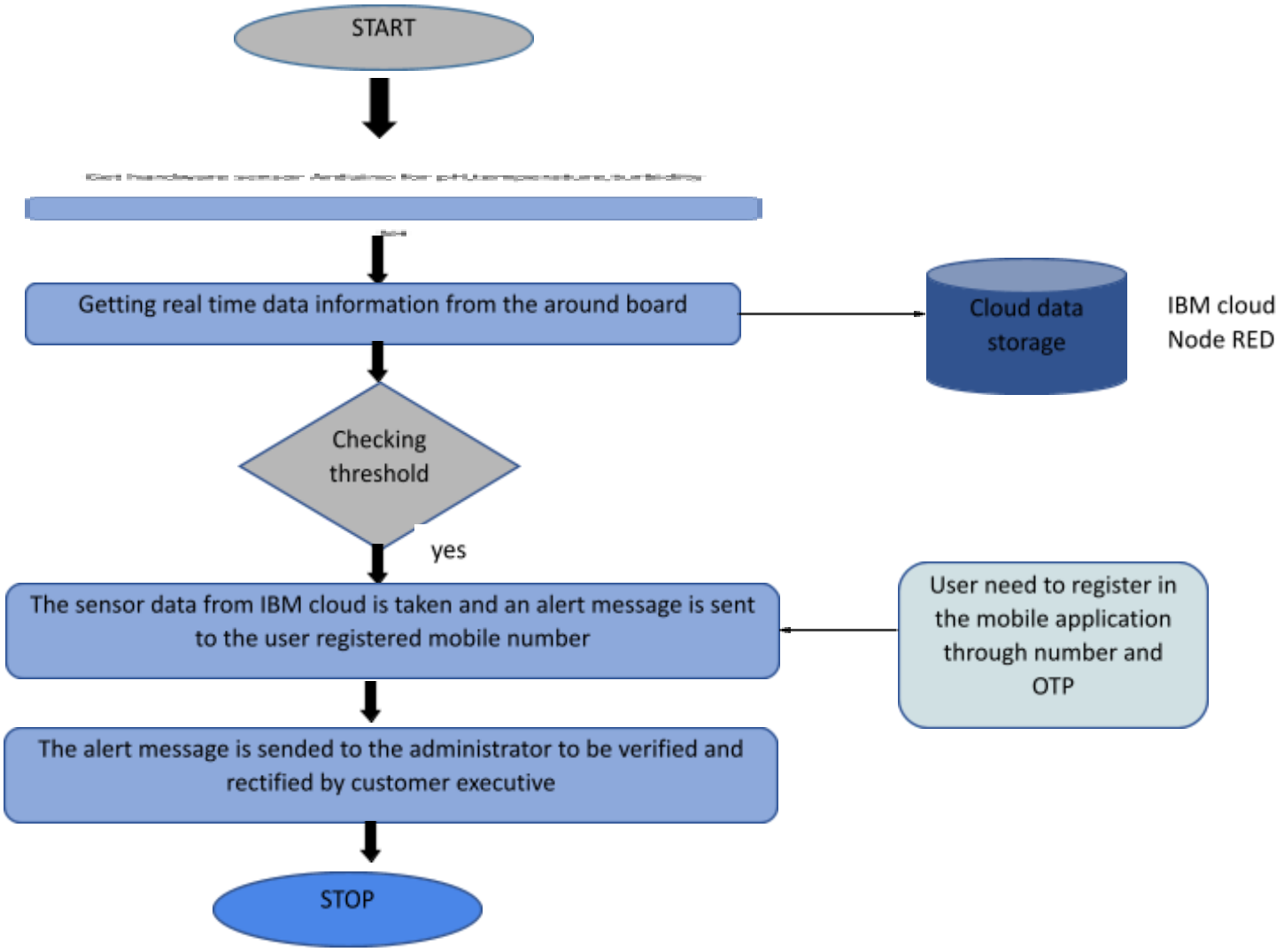
Project Design Phase-II
Data Flow Diagram & User Stories

Date	26.10.2022
Team ID	PNT2022TMID17661
Project Name	Real-Time River Water Quality Monitoring and Control System
Maximum Marks	4 Marks


START
Getting real time data information from the around board
Cloud data storage
IBM cloud
Node RED
Checking threshold
yes
The sensor data from IBM cloud is taken and an alert message is sent to the user registered mobile number
User need to register in the mobile application through number and OTP
The alert message is sended to the administrator to be verified and rectified by customer executive
STOP

User Stories

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	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my registered mobile number	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive OTP once I have registered for the application	I can receive confirmation OTP & click confirm link	High	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail		Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering mobile number and OTP received	I can access easily	High	Sprint-1
		USN-6	As a user my mobile application should work without errors about 90% of time	I can get reliable information	Medium	Sprint -1
Customer (Web user)	Dashboard	USN-7	As a user I need information simplified and easily understandable	I can understand info better	High	Sprint -1
		USN-8	As a user I like to edibility quality of water	I can use know about water quality	Medium	Sprint -1
Customer Care Executive		USN-9	As a user I prefer to have executives who can help out in problem shooting	I can solutions easily	High	Sprint -2
Administrator	Risk tollerance	USN-5	As an administrator who can handle system maintainance	Should monitor the records properly	High	Sprint -1