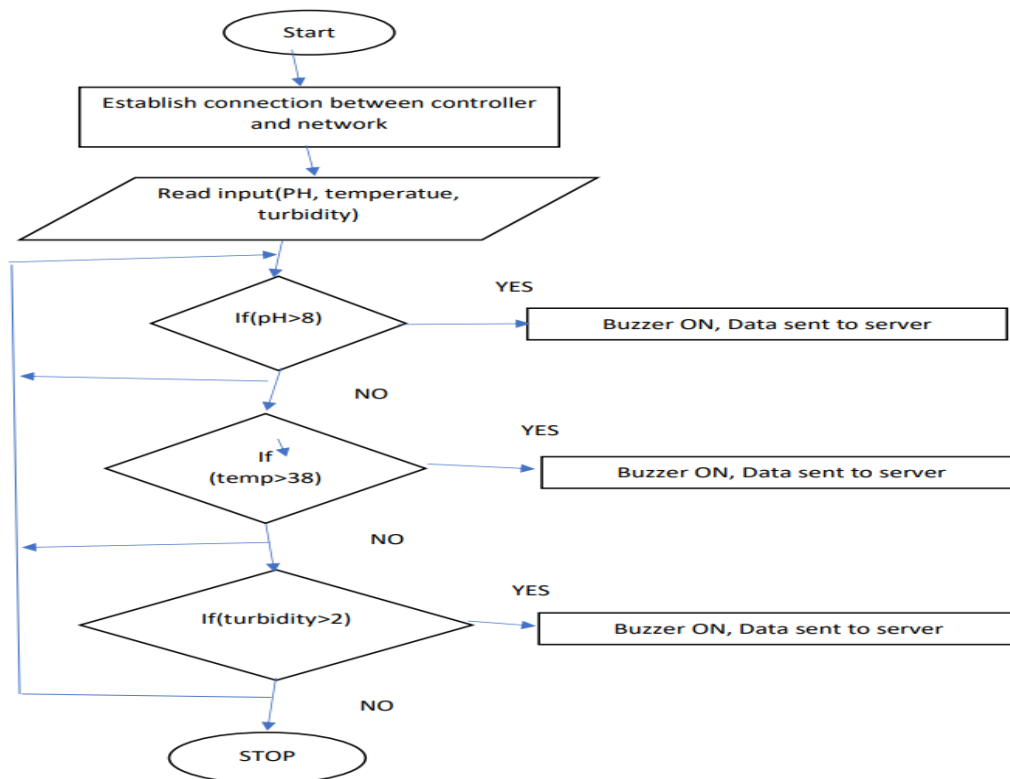


Project Design Phase-II

Data Flow Diagram & User Stories

Date	16 October 2022
Team ID	PNT2022TMID38365
Project Name	Real-Time River Water Quality Monitoring and Control System

Data Flow Diagrams:



User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Admin (Who manages the data)	Login	USN-1	As a admin, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
Admin	Login	USN-2	As a admin, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
Co Admin	Login	USN-3	As a Co admin, they will manage the database	Co admin will make allocate the data	Low	Sprint-2
Admin	Login	USN-4	The database are stored in the Cloud.	The stored data is get managed and analysed.	High	Sprint-1
Admin	Login	USN-5	As a user, I can log into the application by entering email & password	Mange user credentials	High	Sprint-1
Admin	Dashboard	USN-6	It is like a live meter.	On the dashboard it shows the real time water quality.	Medium	Sprint-1
Customer (Web user)	Status	USN7	PWD workers can check the status	The water quality status is checked	Medium	Sprint-1
Peoples	Information	USN-8	The message to the peoples	GSM module transmit the message	High	Sprint-1
Administrator	Manage	USN-9	All the datas are get recorded	The stored data used for future references.	Medium	Sprint-1
Maintenance	Monitoring	USN-10	The entire IOT system is get maintained	It increase the efficiency and functionality of the system.	Low	Sprint-3