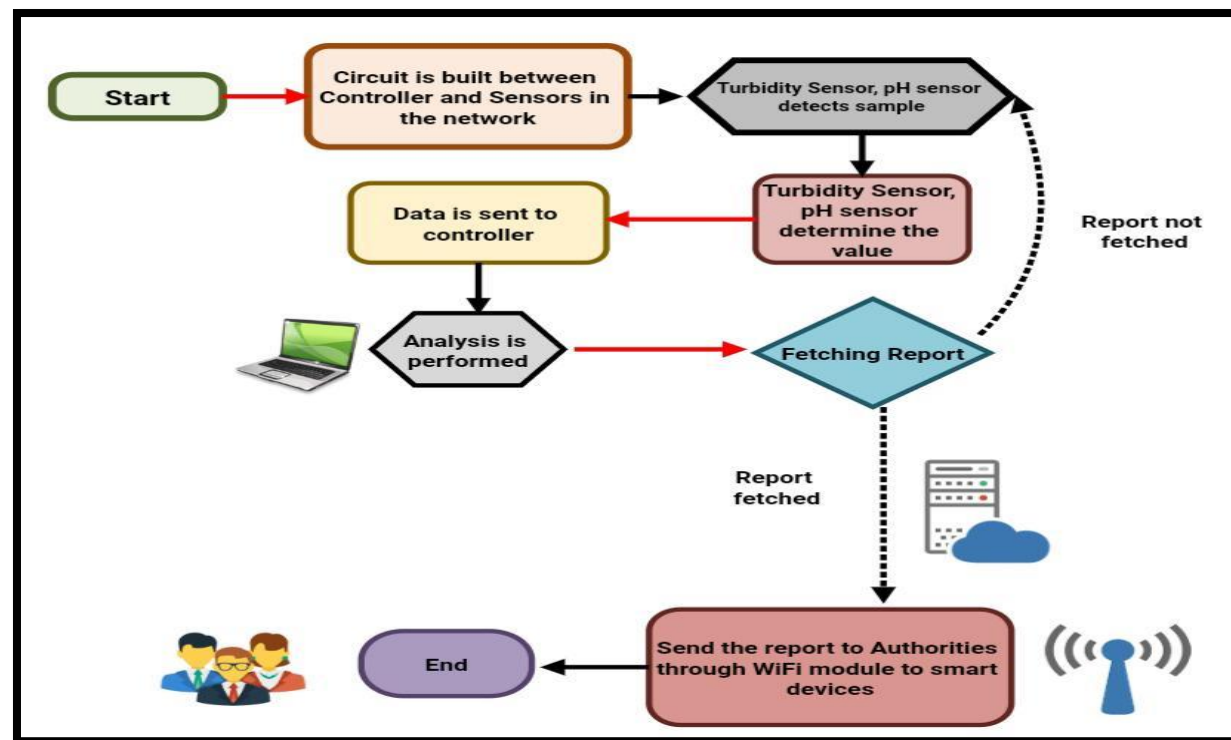


Project Design Phase-II

Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID54363
Project Name	Real-time River water quality monitoring and control system
Maximum Marks	4 Marks

Data Flow Diagram:



User Stories

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 email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		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	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	I can register through the mail	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can receive login credentials	High	Sprint-1
	User Interface	USN-6	As a user, I should not need any pre requisites to handle the UI	I can use it in a friendly manner.	Medium	Sprint-1
Customer (Web user)	Dashboard	WUSN-1	As a web user, able to access the inputs from the sensors	I can know quality of water.	High	Sprint-1
Customer Care Executive	View Manner	CCE-1	As a customer care, Data visualization must be in good understandable view.	I can understand the various data comparisons by visuals.	High	Sprint-1
	Taste	CCE-2	As a customer care, I can able to view the composition of water (e.g. Minerals, etc.)	I can know the composition and whether healthy to drink or not.	High	Sprint-1
	Colour Visibility	CCE-3	As a customer care, I should know the water colour	I can Know its colour.	High	Sprint-1
Administrator	Risk Tolerant	ADMIN-1	Administrator should handle the system, server and take care of the application.	Admin should monitor and store the records with caution.	High	Sprint-2