Project Design Phase-II

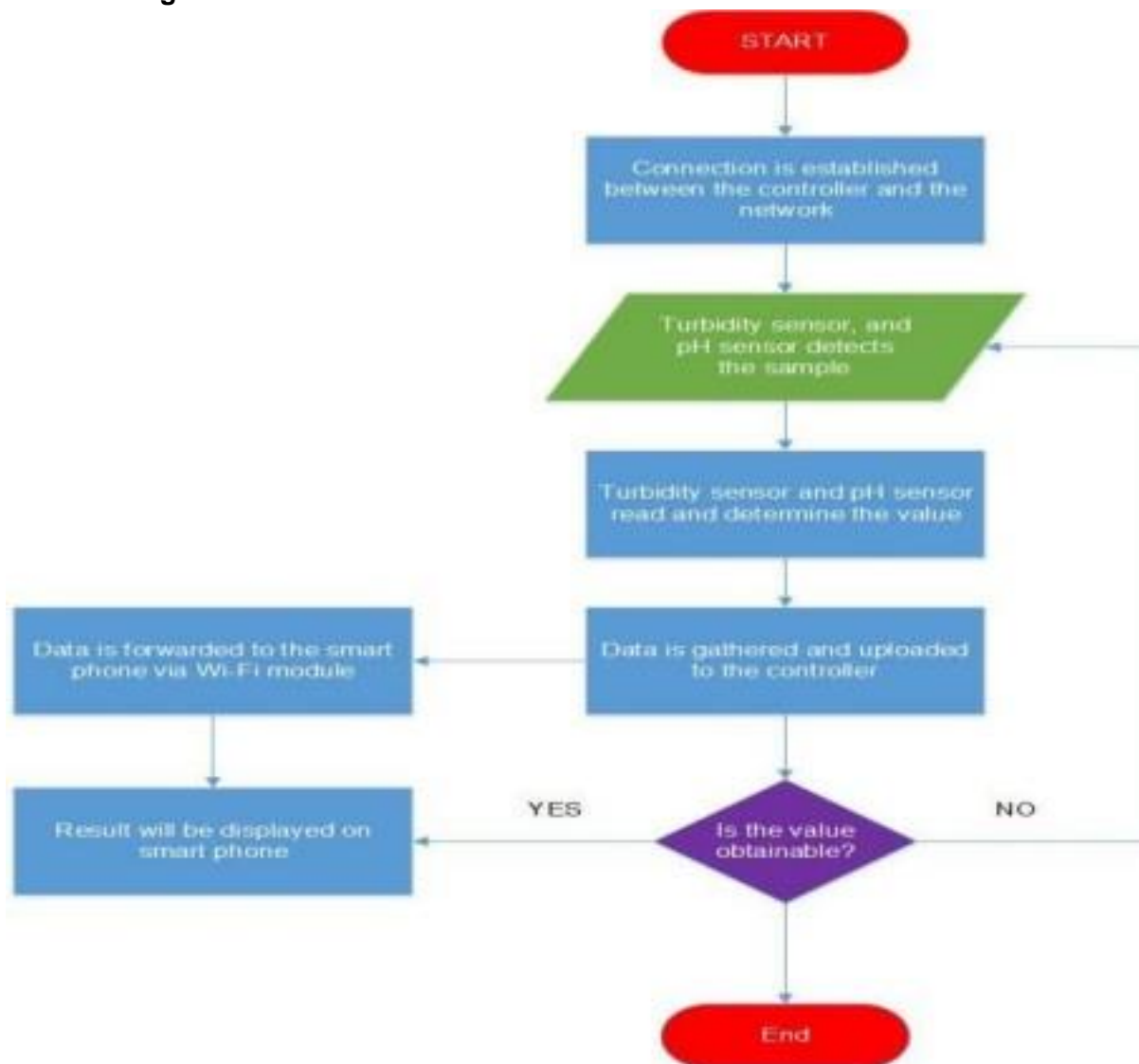# Data Flow Diagram &
User Stories

Date : 7 November 2022
Team ID : PNT2022TMID05141
Project Name Project - Real time River water quality monitoring 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 email, password, and confirming my password.	I can access my account/dashboard	High	Sprint-1
			USN-2 As a user, I will receive a confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-2
			USN-3 As a user, I can register for the application through Google	I can register & access the dashboard with Google	High	Sprint-1
			USN-4 As a user, I can register for the application through Gmail	I can register through the mail.	Medium	Sprint-2
	Login		USN-5 As a user, I can log into the application by entering email, password & captcha	I can receive login credentials.	High	Sprint-1
	Interface		USN-6 As a user, the interface should be user-friendly manner	I can able to access easily.	Medium	Sprint-1
Customer (Web user)	dashboard		USN-7 As a user, I can access the specific info (ph. value, temp, humidity, quality).	I can able to know the quality of the water.	High	Sprint-1
Customer (input)			USN-8 As a user, I can view data in visual representation manner(graph)	I can easily understand by visuals.	High	Sprint-1
	Taste		USN-9 As a user, I can able to view the quality(salty)	I can easily know whether	High	Sprint-1

			of the water	it is salty or not		
	Colour visibility	USN-10 As a user, I can ably predict the water colour	I can easily know the condition by colour	High	Sprint-1
Administrator	Risk tolerant	USN-11 An administrator who Is handling the system should update and take care of the application.	Admin should monitor the records properly.	Medium	Sprint-2