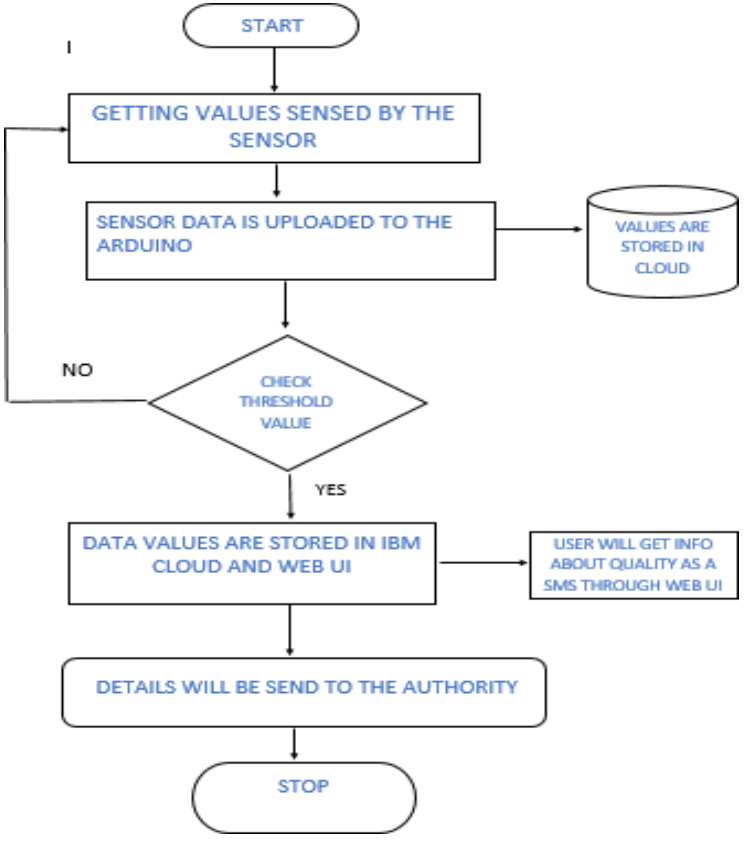
PROJECT DESGIN PHASE II

Data Flow Diagram & User Stories

Date	15 October 2022
Team ID	PNT2022TMID06437
Project Name	Project - 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 email, password, and confirming mypassword.	I can access my account	High	Sprint-1
		USN-2	As a user, I will receive a confirmation email once I have registered for theapplication	I can receive e confirmation email & click confirm	High	Sprint-2
		USN-3	As a user, I can register for the applicationthrough Google	I can register & access the dashboard with Google	High	Sprint-1
		USN-4	As a user, I can register for the applicationthrough Gmail	I can register through themail.	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-friendlymanner	I can able to accesseasily.	Medium	Sprint-1
Customer (Webuser)	dashboard	USN-7	As a user, I can access the specific info (Ph value, temp, humidity, quality).	I can able to know thequality of the water.	High	Sprint-1
Customer (input)	View manner	USN-8	As a user, I can view data in visualrepresentation manner(graph)	I can easily understandby visuals.	High	Sprint-1
	Taste	USN-9	As a user, I can able to view the quality(salty) ofthe water	I can easily know whether itis salty or not	High	Sprint-1
	Color visibility	USN-10	As a user, I can able to predict the water color	I can easily know thecondition by color	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