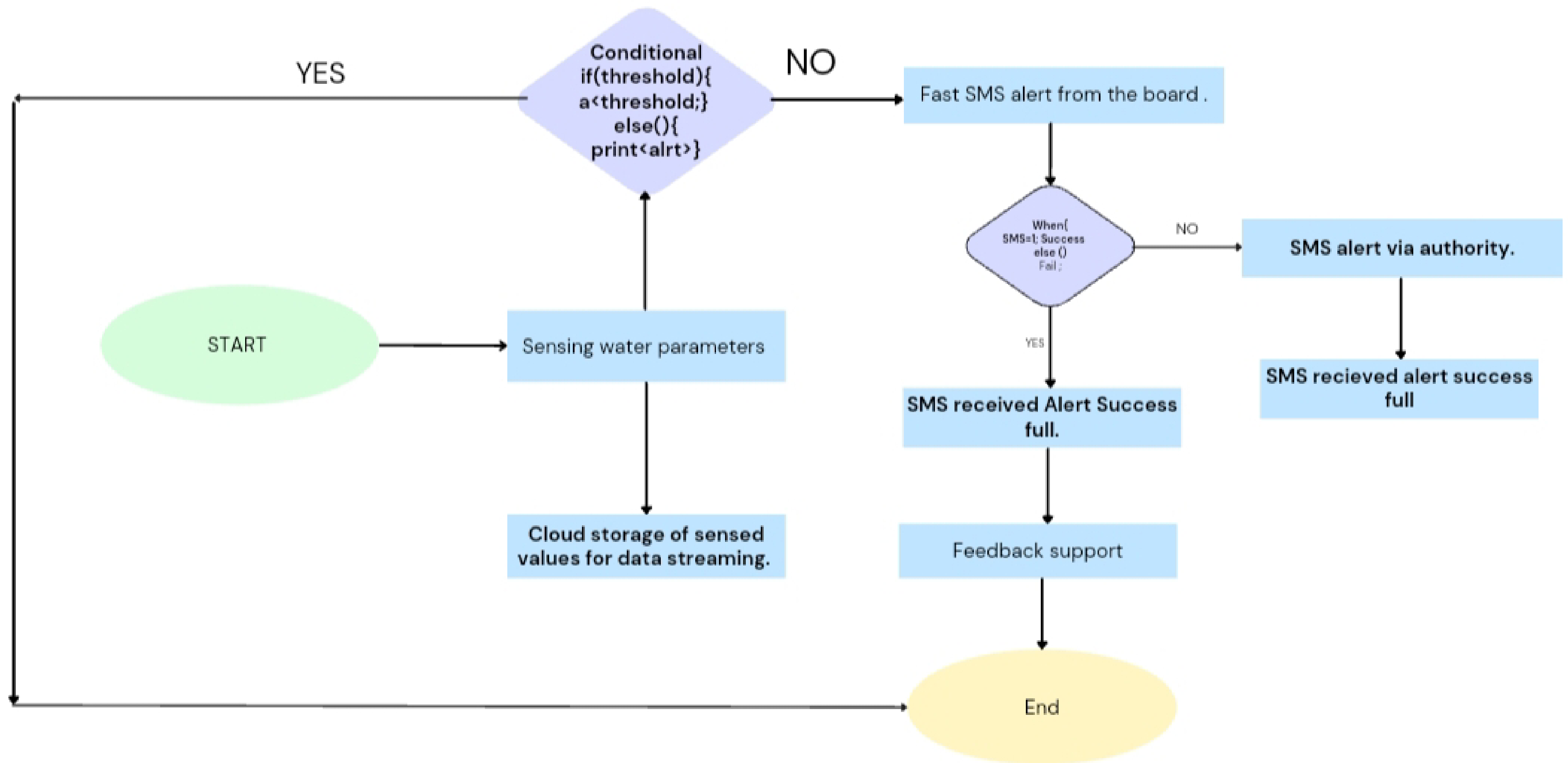


Project Design Phase-II
Data Flow Diagram & User Stories

Date	16 October 2022
Team ID	PNT2022TMID10555
Project Name	Project - Real time river water monitoring and control system
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.



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 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-2
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	High	Sprint-1
		USN-4	As a user, I can register for the application through Gmail	I can register through mail	Medium	Sprint-2
	Login	USN-5	As a user, I can log into the application by entering email & password	I can receive login credentials	High	Sprint-1
	interface	USN-6	As a User, I prefer an comparable user interface(UI),that can provide quick switch speed and is user friendly.	I can access it with ease	Medium	Sprint-1
Customer (Web user)	Dashboard	WUSN-1	As a Web user, it is necessary for me to infer the quality of water by personally assure the physical and chemical parameter of water.for that i need dynamic access to sensing parameters and WSN values such as pH ,dust, turbidity,temperature .	I can be abled to observe the values for quality of water	High	Sprint-1
Customer Care Executive	View manner	CCE-1	As a customer care, I can need data visualization.	I can understand easily via visualization.	High	Sprint-1
	taste	CCE-2	As a customer care,an DBMS linked to this system is preferable for inferring about the quality of water(presense of hardness and other salts)	I can easily know the presence of hardness and salts.	High	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
	colour visibility	CCE-3	As a customer care, it's important for me to analyze the turbidity and shade of water(colour)	I can know the colour of water which leads to result about condition of water.	High	Sprint-1
Administrator	tolerance	ADMIN-1	An administrative block must take care of the system applications.	Time continuous monitoring through an administrator	High	Sprint-2