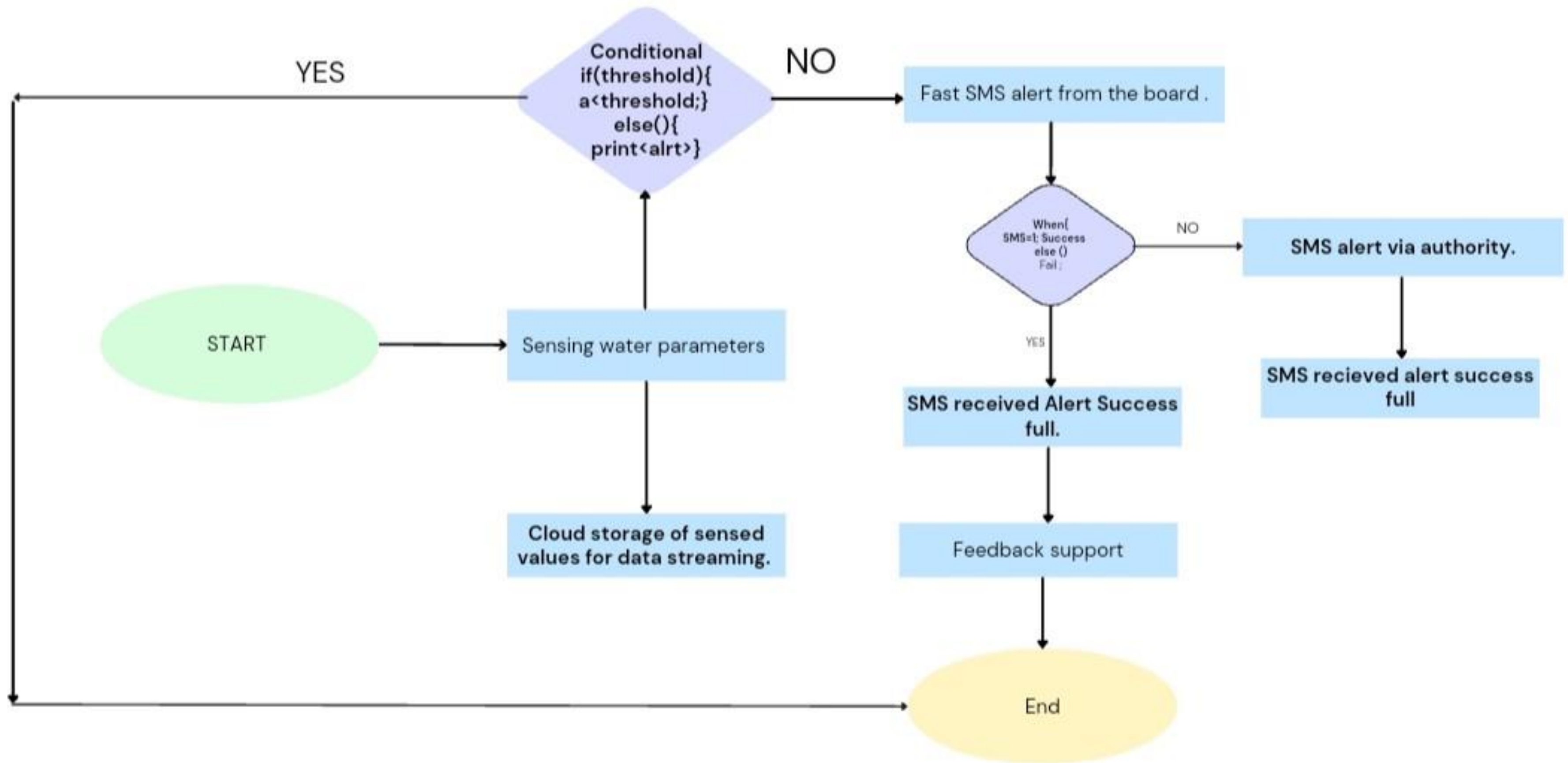


Project Design Phase-II
Data Flow Diagram & User Stories

Date	23 October 2022
Team ID	PNT2022TMID30972
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 (Mobileuser)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming mypassword.	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 confirmationemail & 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 FacebookLogin	High	Sprint-1
		USN-4	As a user, I can register for the applicationthrough Gmail	I can register through mail	Medium	Sprint-2
	Login	USN-5	As a user, I can log into the application byentering 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 speedand is user friendly.	I can access it with ease	Medium	Sprint-1
Customer (Webuser)	Dashboard	WUSN-1	As a Web user, it is necessary for me to infer thequality of water by personally assure the physicaland chemical parameter of water.for that i need dynamic access to sensing parameters and WSNvalues such as pH ,dust, turbidity,temperature .	I can be abled to observe thevalues 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 viavisualization.	High	Sprint-1
	taste	CCE-2	As a customer care,an DBMS linked to this system is preferable for inferring about the qualityof water(presense of hardness and other salts)	I can easily know the presence of hardness andsalts.	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 resultabout condition of water.	High	Sprint-1
Administrator	tolerance	ADMIN-1	An administrative block must take care of the system applications.	Time continuous monitoringthrough an administrator	High	Sprint-2