

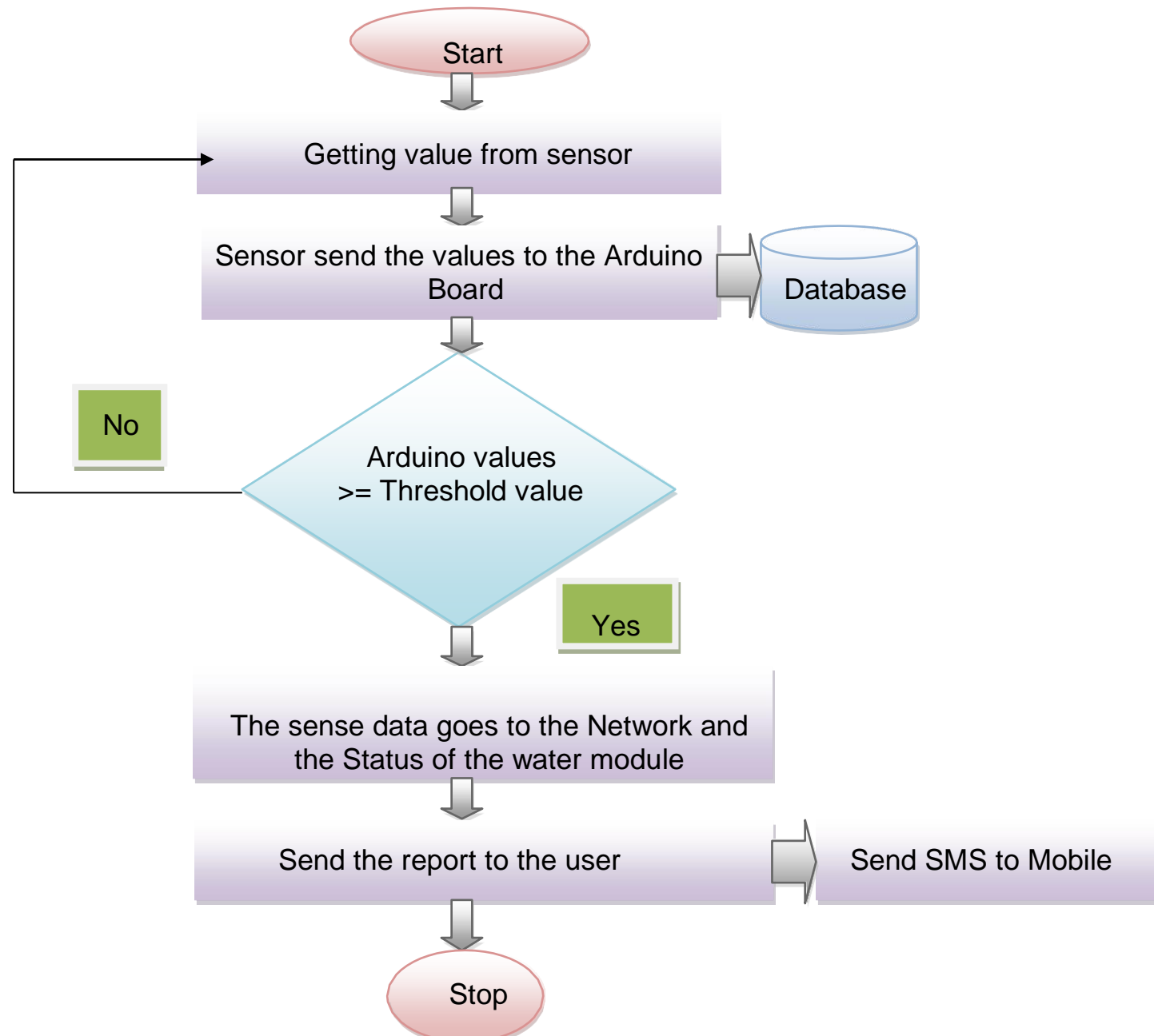
Pr

Project Design Phase-II
Data Flow Diagram & User Stories

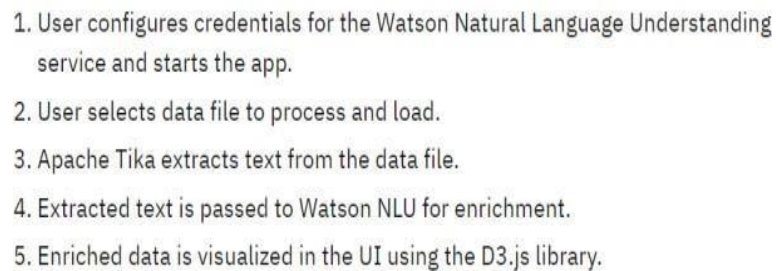
Date	03 October 2022
Team ID	PNT2022TMID25985
Project Name	Real-Time River Water Quality Monitoring And Control System
Maximum Marks	4 Marks

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.



Flow



```

graph TD
    User1[User] -- orders --> ProcessOrder[Process order]
    ProcessOrder -- billing information --> Invoices1[Invoices]
    ProcessOrder -- billing information --> CollectPayment[Collect payment]
    ProcessOrder -- "user address, user name" --> CollectPayment
    ProcessOrder -- "user address, user name" --> ShipProducts[Ship products]
    ProcessOrder -- "order information" --> Orders[Orders]
    Orders -- "shipping information" --> ShipProducts
    ShipProducts -- product --> Users[Users]
    ShipProducts -- product --> Fulfillment[Fulfillment]
    CollectPayment -- "payments, invoices, statements" --> Users
  
```

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-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		Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard					
Customer (Web user)						
Customer Care Executive						
Administrator						