Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID31710
Project Name	Real Time River Water Quality Monitoring and Control System,
Maximum Marks	4 Marks

DFD:

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release

User(Mobile user)	Check Notification	USN-1	User can check the notification of the alert message.	User can check the notification	High	Sprint-1

```
  ┌──────────┐     inputs          ╱‾‾‾‾‾‾‾‾‾╲    sensed data    ┌──────────┐
  │  Sensor  │───────────────────▶│   Water   │───────────────▶│          │
  └──────────┘                    │  Quality  │                │ Analysis │
                                  │ Management│                │          │
  ┌──────────┐                    │ & control │                │          │
  │   User   │◀───────────────────│           │◀───────────────└──────────┘
  └──────────┘     Send alert      ╲_____╱   Generate message
                    message
```
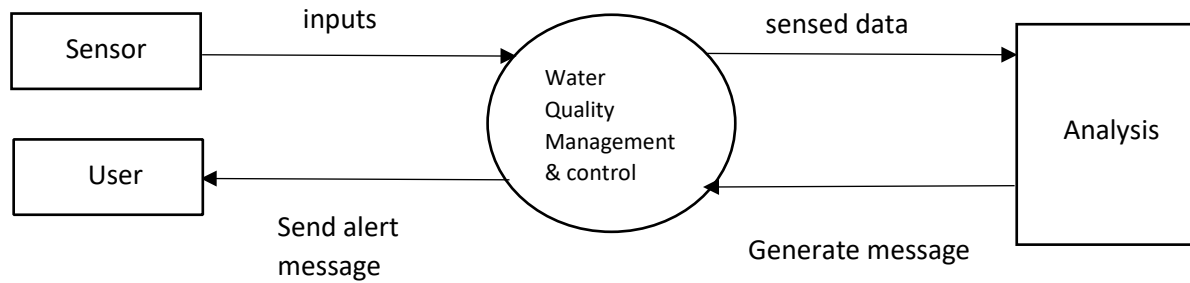
User Stories

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
	Check water parameters	USN-2	User can check the level of water parameters like temperature, humidity, PH level etc.	User can check the level of water parameters	High	Sprint-1