Project Design Phase-II
Data Flow Diagram & User Stories

| Date	03 October 2023
Team ID	NM2023TMID09431
Project Name	AQUATIC INSIGHTS: COGNOS POWERED WATER PORTABILITY ANALYSIS
Maximum Marks	4 Marks

Data Flow Diagrams:
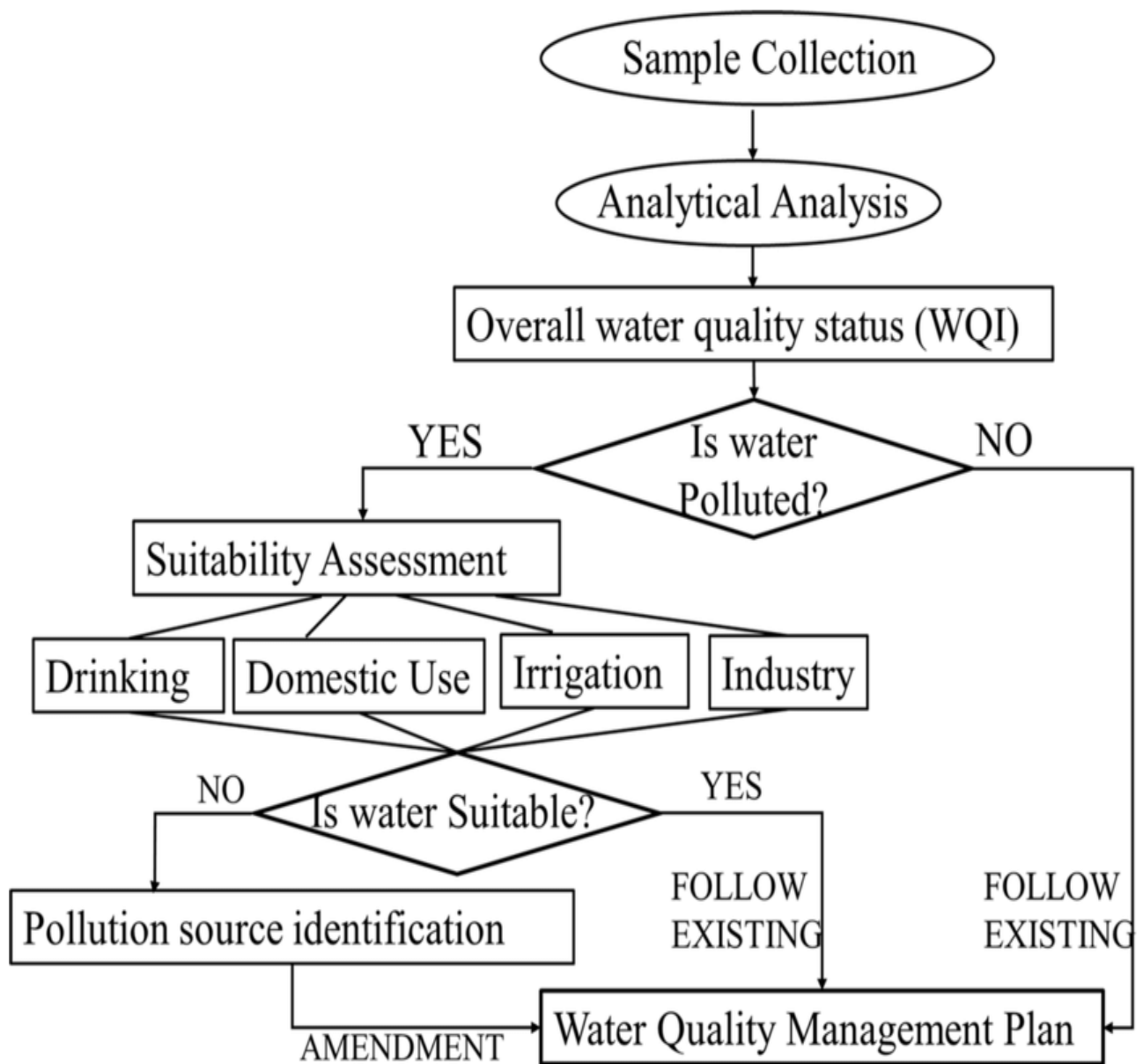
1. Data Collection: Gather data from diverse sources, including water quality reports, environmental sensors, and geographical databases.

2. Data Integration:Combine collected data into a unified format, ensuring compatibility and consistency for meaningful analysis.

3. Data Analysis with Cognos:Utilize IBM Cognos tools to create interactive dashboards and reports, allowing dynamic exploration of water portability metrics.

4. Insight Generation: Analyze patterns and trends within the data to generate actionable insights, identifying areas for improvement and optimization.

5. Decision-Making: Empower stakeholders with the obtained insights, enabling data-driven decisions to enhance water portability strategies and interventions.
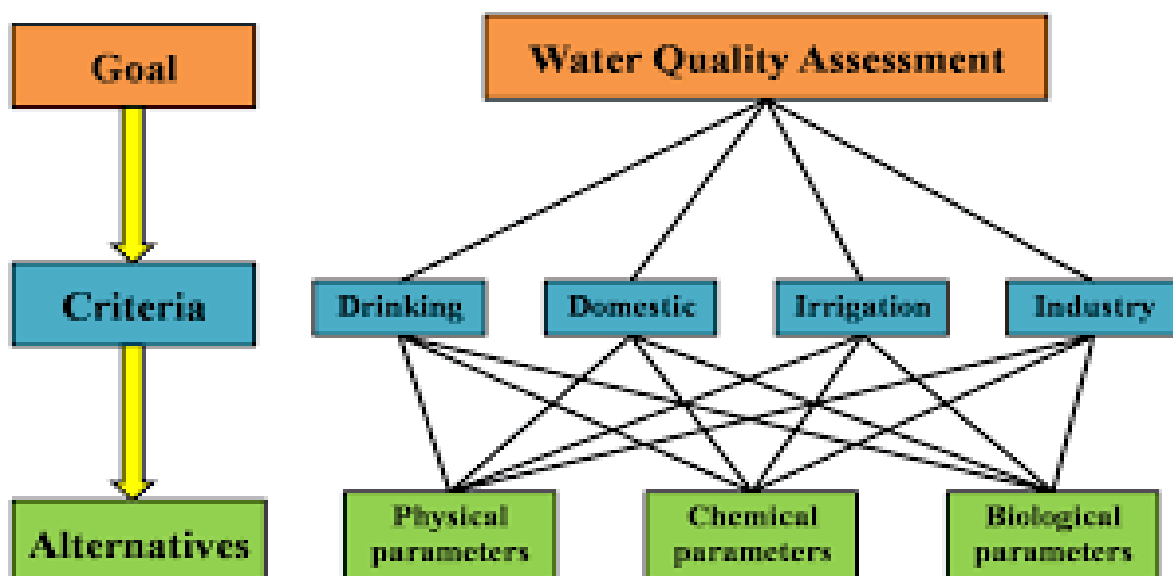
User Stories:

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 web 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 Social Media	I can register & access the dashboard	Low	Sprint-1
		USN-4	As a user, I can register for the application through Gmail	I can register & access the dashboard	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can login & access the dashboard	High	Sprint-3
	Dashboard	USN-6	As a user, I can log into the application by entering social media Account	I can login by my account & access the dashboard	Medium	Sprint-4
Customer (Web user)	Web UI	USN-7	As a user, I can log into nby entering email and password and Access the Features.	I can log in & Enable the Specification	High	Sprint-2
Customer Care Executive	Care Taker	USN-8	As a user, I can log into by entering	I can Resolve the issue and make	High	Sprint-3

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
			Reference number and Reach out the customer for solving issues	Acknowledge		
Administrator	Admin	USN-9	As a Admin, I can Update the Data & UI.	I can update the UI for easy to use.	High	Sprint-1