Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID52890
Project Name	Real-Time River Water Quality Monitoring and Control System
Maximum Marks	4 Marks

Dataflow Diagram
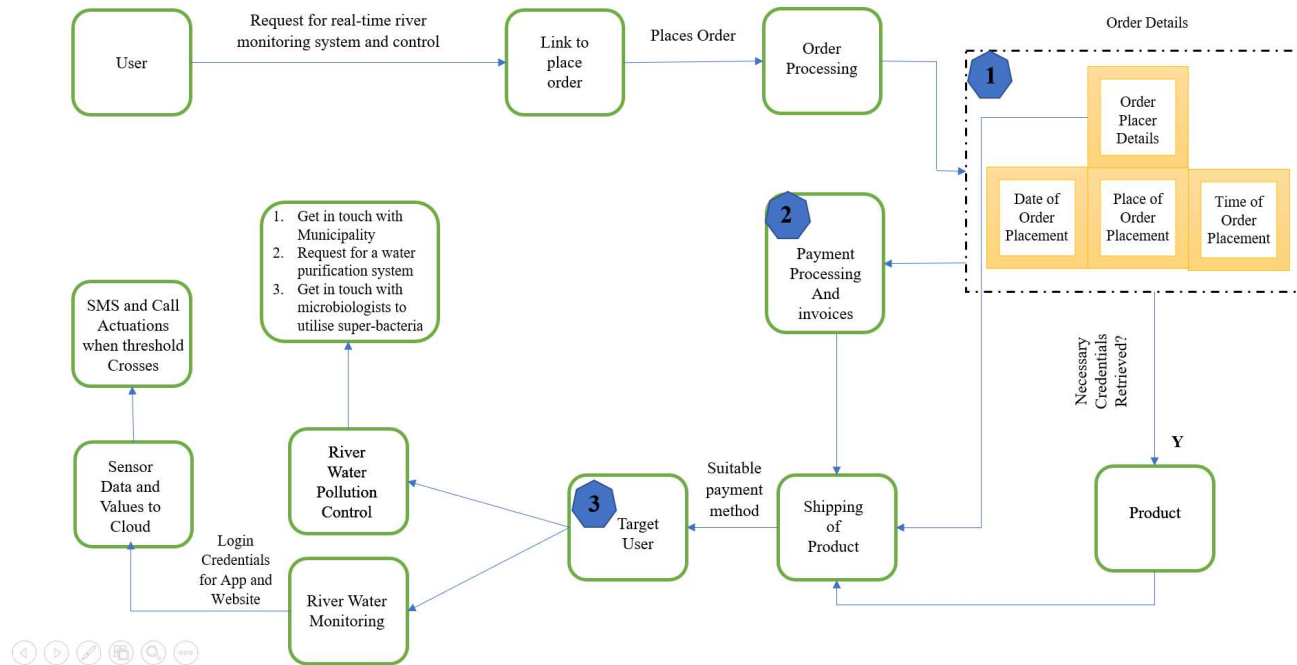
User Stories

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 Instagram/Reddit	I can register & access the dashboard with Instagram/Reddit Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	I can receive further news and can access the dashboard using Gmail	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can receive security and verification alerts as I log into the application	High	Sprint-1
	Dashboard	USN-6	As a user, I can log in to the application and access the details mentioned in the dashboard including my last login details	I can access my dashboard and the necessary requirements	Medium	Sprint
Customer (Web user)	Registration	USN-7	As a user, I can register for the website by entering my email, password and confirming my password	I can access my account	High	Sprint-1
		USN-8	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

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
		USN-9	As a user, I can register for the application through Instagram/Reddit	I can register & access the dashboard with Instagram/Reddit Login	Low	Sprint-2
		USN-10	As a user, I can register for the application through Gmail	I can receive further news and can access the dashboard using Gmail	Medium	Sprint-1
	Login	USN-11	As a user, I can login to the website by entering my email/social media account	I can log into the website and receive security alerts	High	Sprint-1
	Dashboard	USN-12	As a user, I can login to the website and access my dashboard	I can access my dashboard	Medium	Sprint-1
Customer Care Executive	Data read and log	USN-13	As a user, I can report any issues with irrelevant data being logged into the app	I can get quick replies on reporting my issues	High	Sprint-3
		USN-14	As a user, I can report any issues with unwanted data log into the website	I get 24x7 touch on letting them be known of the issues	High	Sprint-3
	Logging into the app/account hacking	USN-15	As a user, I can report any issues with logging in or account hacking to the executive	Immediate resolution of the problem on reporting the same	High	Sprint-3
Administrator	Data visualization	USN-16	As a user, I can report any missing information/faulty data visualizations	Service taken care of and proper data visualizations	Medium	Sprint-4
	Reporting issues in modification of data	USN-15	As a user, I can report any issues in modification of data like discontinuity to the admin as data gets logged into the app	Privileges allowed and access to deletion and modification of data	Medium	Sprint-4