PROJECT DESIGN PHASE-II
DATA FLOW DIAGRAM & USER STORIES

DATE	20 October 2022
TEAM ID	PNT2022TMID29722
PROJECT NAME	Efficient Water Quality Analysis and Prediction using Machine Learning.
MAXIMUM MARKS	4 Marks

DATA FLOW DIAGRAMS:
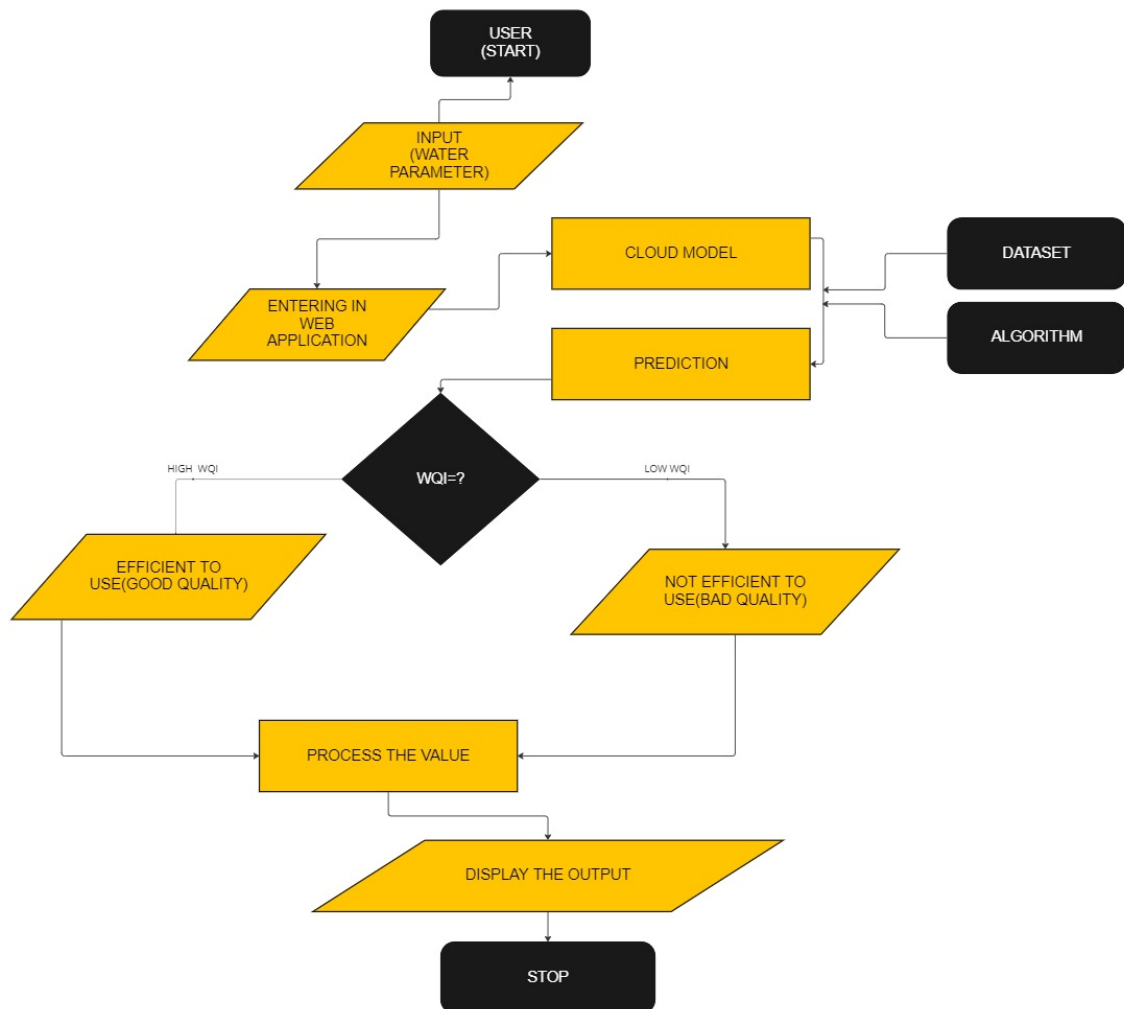
USER STORIES

USER TYPE	FUNCTIONAL REQUIRE-MENT (EPIC)	USER STORY NUMBER	USER STORY / TASK	ACCEPTANCE CRITERIA	PRIORITY	RELEASE
Customer (Web user)	Registration	USN-1	As a user, I can register a new account using mobile number or email with some personal details and password	I can create new account	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-1
	Login	USN-4	As a user, I can log into the application by entering email & password	I can securely login to the account	High	Sprint-1
		USN-5	As a user, I can log into the application by Facebook ID	I can securely login to the account	Low	Sprint-1
	Forget Passcode	USN-6	As a user, if I forget the previous password, I can make a request to create a new password	I can log into the account even after I forget my password	High	Sprint-3
		USN-7	As a user, I will receive password change conformation email with link to give new password	I can securely change the password	High	Sprint-3
	Dashboard	USN-8	As a user, I can upload the water parameter to check the quality	I can get the end result from the application	High	Sprint-2
		USN-9	As a user, I can view at my profile details	I can get user information	Low	Sprint-2
	Logout	USN-10	As a user, I can logout my profile after using the application	I can make it secure and private	High	Sprint-2
	Contact	USN-11	As a user, I can get contact details of the application providers	I can contact the admin	High	Sprint-4

USER TYPE	FUNCTIONAL REQUIRE-MENT (EPIC)	USER STORY NUMBER	USER STORY / TASK	ACCEPTANCE CRITERIA	PRIORITY	RELEASE
Customer (Mobile user)	Installation	USN-12	As a user, I can install the mobile application into the device	I can install app in mobile	High	Sprint-4
	Features	USN-13	As a user, I can get all the feature provided in Web user	I can use as same way as web user	High	Sprint-4
Customer Care Executive	Help	USN-14	As a customer care executive, I can provide instruction or user manual to the help webpage	I can provide help to the application user	High	Sprint-3
	Queries	USN-15	As a customer care executive, I can provide Question and Answer session to interact with the app user to solve their problems	I can give solution to queries	Low	Sprint-3
	Feedback	USN-16	As a customer care executive, I can get the feedback from the app user and manage respectively	I can comment user's thoughts	High	Sprint-3
Administrator	Admin Account	USN-17	As a admin, I can have special administration account with additional features	I can have extra access	High	Sprint-4
	Access form	USN-18	As a admin, I can access the form and credentials of the user	I can access backend data	High	Sprint-4
	Model changes	USN-19	As a admin, I can change the model parameters and their properties	I can change the model	High	Sprint-4