Acceptance Testing
UAT Execution & Report Submission

Date	19 November 2022
Team ID	PNT2022TMID27531
Project Name	Project - Real-Time River Water Quality Monitoring and Control System
Maximum Marks	4 Marks

1. Purpose of Document

The purpose of this document is to analyze the user analysis and test case analysis.

2. User Analysis

SNO	TEST TYPE	NAME OF TESTER	PRIORITY	TEST RESULT
1	Running the developed python script without errors	Packmar Rion Louji	High	PASS
2	Establishing successful connection the client to IBM Cloud server	Sakthi Soundarya	High	PASS
3	Accessing stored data from cloud and implementing an user interface using Node-RED	Sakthi Soundarya	High	PASS
4	Generating alert message when water is degraded through Twilio	Sakthi Soundarya	Medium	PASS
5	Simulating a motor controlling interface using Ardiuno	Packmar Rion Louji	Medium	PASS
6	Controlling motor through MIT app	Packmar Rion Louji	Medium	PASS

3. Test Case Analysis

This report shows the number of test cases that have passed, failed, and untested

Section	Total Cases	Not Tested	Fail	Pass
Random Data generation for pH and turbidity	2	0	0	2
Client-Server connection establishment	1	0	0	1
SMS alert for water degradation	3	0	0	3
Motor control	1	0	0	1