PROJECT DEVELOPMENT PHASE

USER ACCEPTANCE TESTING

Date	18 November 2022
Team ID	PNT2022TMID17967
Project Name	Efficient Water Quality Analysis and Prediction Using Machine Learning
Maximum Marks	4 Marks

Test case ID	Feature Type	Component	Test Scenario	Pre-Requisite	Steps To Execute	Test Data	Expected Result	Actual Result	Status	Comments	TC for Automation(Y/N)	BUG ID	Executed By
Prediction Page_ TC_OO 1	Functional	Home Page	Verify user is able to see the text boxes where the user enters the input data	The user should know the water parameters	Enter the URL and click go. Click on the textboxes and type in the required water quality parameter.	-	The prediction button should be enabled.	Working as expected	Success	The inputs are verified and got successfully from the user	N	-	Rithika .K Gokila .V
Prediction Page_ TC_OO 2	UI	Home Page	Verify the UI elements in Homepage popup	The user should open the web page	Enter the URL and click go. Verfiy if all the textboxes for the parameters are visible, And the button is enabled	-	Application should show below UI elements: a. BOD b. Year c. pH d. Nitrate e. Total coliform f. Temperature g. Dissolved Oxygen h. Conductivity	Working as expected	Success	All the UI are in the expected positions	Y	-	Vigneshwari. M
Prediction Page_TC_OO 3	Functional	Home page	Verify user is able to View the prediction	The user should have entered the water parameters	₁Enter URL and click go ₂Click on predict button to get the results	BOD:two Year:2012 pH:6.7 Nitrate:0.1 Total coliform:27 Dissolved Oxygen: 7.5 Conductivity:203	User should be notified about input errors	Working as expected	Success	The user is asked to enter valid input	Y		Aiswerya .T Iswarya .S

Prediction Page TC_OO 4	Functional	Home page	Verify user is able to View the prediction	The user should have entered the water parameters	3.Enter URL and click go 4.Click on predict button to get the results	BOD:6.940 Year:2012 pH:6.7 Nitrate:0.1 Total coliform:27 Dissolved Oxygen: 7.5 Conductivity:203	User should be able to view the prediction	Working as expected	Success	The prediction is made and results are shown to user	Y		Aiswerya .T Iswarya .S