Project Development Phase

Define the Problem Statements

Team ID	PNT2022TMID18283
Project Name	Efficient Water Quality Analysis & Prediction using Machine Learning

Test Case:

Test case ID	Feature Type	Component	Test Scenario	Steps To Execute	Test Data	Expected Result	Actual Result	Status	Comments	TC for Automation (Y/ N)	BUG ID	Executed By
IndexPage_TC_001	UI	Index Page	Verify the UI elements in Index	1.Enter the localhost url and click go.	127.0.0.1.5000	Application should show below UI elements: 1.Title of the project 2.Description of the project	Working as expected	PASS	Successful	Y		Balasaravanan V P Aishwarya S V
IndexPage_TC_002	UI	Index Page	Verify user is able to navigate into the predict page	1.Enter the localhost url and click predict.	127.0.0.1.5000	User should navigate to predict page	Working as expected	PASS	Successful	Y		Akshara M Guna R

PredictPage _TC_003	UI	Predict Page	Verify the UI elements in Predict Page	1.Enter the localhost url and click go. 2.Click on Want to predict button	127. 0.0.1 .500 0	Application should show below UI elements: 1.Enter the data input 2.Check the predict button	Working as expected	PASS	Successful	Y		Balasaravanan V P Aishwarya S V
PredictPage _TC_004	Functio nal	Predict Page	Verify user is able to give input in the form	1.Enter the localhost url and click go. 2.Click on predict 3. Enter the values	127. 0.0.1 .500 0	User should able to give input textbox	Working as expected	PASS	Successful	Y		Akshara M Guna R
PredictPage _TC_005	UI	Predict Page	Verify users are able to see the result text when clicking on the predict button.	1.Enter the localhost url and click go. 2.Click predict button 3. Enter input data 4. click on the predict button.	127. 0.0.1 .500 0	Users should be able to predict the quality predicted value is XX WQI text.	Working as expected	PASS	Successful	Y		Akshara M Guna R