

Date	03-Nov-22
Team ID	PNT2022TMID13654
Project Name	Project –Efficient water quality analysis and prediction using machine learning
Maximum Marks	4 marks

Test case ID	Feature Type	Component	Test Scenario	Steps To Execute	Test Data	Expected Result	Actual Result	Status	BUG ID	Executed By
HP_TC_001	UI	Home Page	Verify UI elements in the Home Page	1) Open the page 2) Check if all the UI elements are displayed	127.0.0.1:5000	The Home page must be displayed properly	working as expected	pass		Jeevitha A,Snega R
HP_TC_002	UI	Home Page	Check if the UI elements are displayed properly in different screen sizes	1) Open the page in a specific device 2) Check if all the UI elements are displayed properly 3) Repeat the above steps with different device sizes	-- Screen Sizes -- <u>2560 x 1801</u> <u>1440 x 970</u> <u>1024 x 840</u> <u>768 x 630</u> <u>320 x 630</u>	The Home page must be displayed properly in all sizes	The UI is not displayed properly in screen size 2560 x 1801 and 768 x 630	Fail	BUG-HP_1	Jeevitha A,Snega R

HP_TC_003	Functional	Home Page	Verify user is able to enter Valid constraints	1) Open the page 2) Click on input field 3) enter the credentials 1)	ph: 8.3167658 hardness:214.3733 941 solids : 22018.41744 chlomine:8.05933 2377 sulphate:356.8861 356 conductivity:363.2 665162	The values should be uploaded	working as expected	pass		Jeevitha A,Snega R
HP_TC_004	Functional	Home page	Check if user does not unable to enter the constraints	1) Open the page 2) Click on select button 3)enter the wrong (character) credentials	ph: 7abcs hardness:helo solids : kjjjj chlomine:8.05933 2377 sulphate:356.8861 356 conductivity:363.2 665162	Application should show 'Incorrect credentials	working as expected	Pass		Jeevitha A,Snega R
HP_TC_005	Functional	Home page	Check if the page redirects to the result page once the input is given	1) Open the page 2) Click on select button 3) Select the input image 4) Check if the page redirects	ph: 8.3167658 hardness:214.3733 941 solids : 22018.41744 chlomine:8.05933 2377 sulphate:356.8861 356 conductivity:363.2 6651626	The page should redirect to the results page	working as expected	pass		Jeevitha A,Snega R

BE_TC_001	Functional	Backend	Check if all the routes are working properly	1) Go to Home Page 2) Upload the input image 3) Check the results page	ph: 8.3167658 hardness:214.3733 941 solids : 22018.41744 chlomine:8.05933 2377 sulphate:356.8861 356 conductivity:363.2 6651626	All the routes should properly work	working as expected	pass	Jeevitha A,Snega R
M_TC_001	functional	Modal	check if the models predict the quality of water	1) Open the page 2) Click on select button 3) enter the values 4) Check the results	ph: 8.3167658 hardness:214.3733 941 solids : 22018.41744 chlomine:8.05933 2377 sulphate:356.8861 356 conductivity:363.2 6651626	The model should predict the output	working as expected	pass	Jeevitha A,Snega R
RP_TC_001	Functional	Result page	Check if the result is displayed properly	1) Open the page 2) Click on select button 3) enter the values 4) Check the result is displayed correctly	ph: 8.3167658 hardness:214.3733 941 solids : 22018.41744 chlomine:8.05933 2377 sulphate:356.8861 356 conductivity:363.2 6651626	The result should be displayed properly	working as expected	pass	Jeevitha A,Snega R