

| Test case ID | Feature Type | Component | Test Scenario |
|-------------------|--------------|-----------|---|
| HomePage_TC_OO1 | UI | Home Page | Verify user is able to see the home page when user clicked on submit button |
| HomePage_TC_OO2 | Functional | Home Page | Verify the UI elements in home page |
| Prediction_TC_OO3 | Functional | Home page | Verify whether the model is giving correct output |
| Prediction_TC_OO4 | Functional | Home page | Verify whether the model is giving correct output |

[illegible]

| Date | 10-Nov-22 | |
|---------------|--|--|
| Team ID | PNT2022TMID50914 | |
| Project Name | Project - Efficient water quality analy | |
| Maximum Marks | 4 marks | |
| Pre-Requisite | Steps To Execute | Test Data |
| | | http://127.0.0.1:5000/predict |
| | 1.Enter URL and click go 2.click on gmail link and github link 3.Verify hardnes,turbidity etc popup with below UI elements: a.Email link b.Github link c.Submit button d. Want to check whether water is safe or not for consumption? click submit button | http://127.0.0.1:5000/predict |
| | 1.Enter URL(http://127.0.0.1:5000/predict) and click go 2.Enter the values 3.Enter Valid values for respected parameters to check whether the "water is safe for consumption" 4.fill in all values 5.Click on predict button | pH value:8 hardness:323 solids:2240 chloramine:13 sulfate:1 conductivity:323 organic_compound:13 trihalomethane:56 turbity:6 |
| | 1.Enter URL(http://127.0.0.1:5000/predict) and click go 2.Enter the values 3.Enter Valid values for respected parameters to check whether the "water is not safe for consumption" 4.fill in all values 5.Click on predict button | pH value:1 hardness:323 solids:2 chloramine:8 sulfate:5 conductivity:753 organic_compound:4 trihalomethane:100 turbity:4 |

[illegible]

| Expected Result | Actual Result | Status | Commnets |
|--|---------------------|--------|-------------------------------|
| home page and empty field pop should display (if any) should display | Working as expected | Pass | |
| Application should show below UI elements: a.home page b.Email for queries c.values for prediction d.submit button for prediction e.output statement "whether the water is safe or not" | Working as expected | Pass | Steps are not clear to follow |
| should display "water is safe for consumption" | correct result | pass | |
| should display "water is not safe for consumption" | correct results | pass | |

[illegible]

| TC for Automation(Y/N) | BUG ID | Executed By |
|------------------------|----------|-------------|
| | | Gowtham P |
| | BUG-0123 | Gowtham P |
| | | |
| | | |

1
2
3
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5

1
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1
2

Test Scenarios

Verify user is able to see go to home page

Verify user is able to see home page's UI

Verify user is able to output statement

Verify user is get his correct output or not?

Verify whether the user gets popup if some textboxes are left empty

Prediction

Verify user is able to get "water is safe for consumption" for entered values

Verify user is able to get "water is not safe for consumption" for entered values

Verify the user is notified if some values are not given

Link Redirection

verify if browser redirects to email , if it is clicked on "for queries contact xyx@gmail.com"

verify if browser redirects to github repo, if it is clicked on "github link"