

	Date		17-Nov-22							
	Team ID		PNT2022TMID48692							
	Project Name		Project - REAL TIME RIVER WATER QUALITY MONITORING AND CONTROL SYSTEM							
	Maximum Marks		4 marks							
		Feature Type	Component	Test Scenario	Pre-Requisite	Steps To Execute	Test Data	Expected Result	Actual Result	Status
Test case ID										
LoginPage_TC_OO1		Functional	Login Page	Verify user is able to see the Login Page when they click on the App		1.Open App 2.We can able to see the Login Page		Login page will popup	Working as expected	Pass
LoginPage_TC_OO2		UI	Login Page	Verify the UI elements in Login		1.Open app 2.Verify login page will popup with below UI elements: a.Username textbox b.password text box c.Login button d.Sign In with Google button		Application should show below UI elements: a.Username textbox b.password text box c.Login button d.Sign In with Google button	Working as expected	Pass
LoginPage_TC_OO3		Functional	Login Page	Verify user is able to log into application with Valid credentials		1.Open app 2.Enter Valid username in Username text box 4.Enter Valid password in password text box 5.Click on login button	Username: test password: test	er should navigate the homepage	Working as expected	Pass

LoginPage_TC_OO4	Functional	Login page	Verify user is able to log into application with InValid credentials		1.Open app 2.Enter Invalid username in Username text box 4.Enter Invalid password in password text box 5.Click on login button	Username: demo password: TEST	Application alert voice message as "LOGIN UNSUCCESSFULL"	Working as expected	Pass
LoginPage_TC_OO4	Functional	Login page	Verify user is able to log into application with their Google Account		1.Open app 2.Click on Sign In with Google button 3.Choose their Google Account		User should navigate to the homepage	Working as expected	Pass
HomePage_TC_OO1	UI	Home page	Verify the UI elements in Homepage		1.Verify Homepage will popup with below UI elements: a.Logout button b.pH label and value c.Turbidity label and value d.Motor ON and Motor OFF buttons		Application should show below UI elements: a.Logout button b.pH label and value c.Turbidity label and value d.Motor ON and Motor OFF buttons	Working as expected	Pass
HomePage_TC_OO2	Functional	Home page	Verify user able to view the data from the IBM Cloud		1.Verify Homepage will popup with a. pH value b.Turbidity value		Application should show pH and turbidity value	Working as expected	Pass

HomePage_TC_OO3	Functional	Home page	Verify user able to click on the Logout button		Click on logout button		User should navigate to the homepage	Working as expected	Pass
HomePage_TC_OO4	Functional	Home page	Verify user able to click on the Motor ON button		Click on MotorON button		User should Turn ON the motor from the Application	Working as expected	Pass
HomePage_TC_OO5	Functional	Home page	Verify user able to click on the Motor OFF button		Click on MotorOFF button		User should Turn OFF the motor from the Application	Working as expected	Pass

Test Scenarios

- 1 Verify user is able to see login page
- 2 Verify user is able to login to application or not?
- 3 Verify user is able to login from their Google account
- 4 Verify user is able to Change their Google account
- 5 Verify login page elements

Home Page

- 1 Verify user is able to see the Data values from IBM Cloud
- 2 Verify user is able to see the Control buttons in the Home page
- 3 Verify user is able to click on the motor buttons
- 4 Verify user is able to click on the Motor ON button and we can view command in the Python
- 5 Verify user is able to click on the Motor OFF button and we can view command in the Python