Project Development Phase
Test cases and user acceptance testing

Date	03 November 2022
Team ID	PNT2022TMID52856
Project Name	Project – Smart Farmer-IoT Enabled smart Farming Application
Maximum Marks	4 Marks

Test case ID	Feature Type	Component	Test Scenario	Pre-Requisite	Steps To Execute	Test Data
LoginPage_TC_OO1	UI	Home Page	Verify user is able to see the Login/Register page	Nil	1.Press the icon of the app 2.Home page will be displayed	Nil
LoginPage_TC_OO2	Functional	Home page	Verify user is able to Register into application with Valid credentials	Having verified mail account	1.Enter Email ID 2.Enter Password 3.Click Register	Mail ID: 1904109ece@cit.edu.in password: Testing123
LoginPage_TC_OO3	Functional	Home page	Verify user is able to log into application with Valid credentials	Having verified mail account	1.Enter Email ID 2.Enter Password 3.Click Login	Mail ID: 1904109ece@cit.edu.in password: Testing123
Dashboard_TC_OO4	Functional	Dashboard	Verify sensor value is shown properly	Sensor to be connected and it is linked with cloud	After login, parameters of the sensor will be display	Temperature sensor value-25
Dashboard_TC_OO5	Functional	Dashboard	Verify sensor value is shown properly	Sensor to be connected and it is linked with cloud	After login parameters of the sensor will be display	Temperature sensor value-25

Dashboard_TC_OO6	Functional	Dashboard	Verify user is able to operate water pump by clicking on and off button	Water pump is to be connected with the esp32 board	1.Click ON button to turn on the water pump 2.Click OFF button to turn off the water pump	ON
Dashboard_TC_OO7	Functional	Dashboard	Verify user is able to operate water pump by clicking on and off button	Water pump is to be connected with the esp32 board	1.Click ON button to turn on the water pump 2.Click OFF button to turn off the water pump	ON
Dashboard_TC_OO8	Functional	Dashboard	Verify user is able to operate water pump by clicking on and off button	Water pump is to be connected with the esp32 board	1.Click ON button to turn on the water pump 2.Click OFF button to turn off the water pump	OFF
Dashboard_TC_OO9	Functional	Dashboard	Verify user is able to move to customer support page	Nil	1.Click side bar button 2.Click Customer support	Nil
Customersupport_TC_O10	Functional	Customer support	Verify user is able to Submit the customer query	Nil	1.Enter Email ID 2.Enter Query 3.Click Submit	Mail ID: 1904109ece@cit.edu.in Query: Sensor value not displayed properly
Customersupport_TC_O11	Functional	Customer support	Verify user is able to Submit the customer query	Nil	1.Enter Email ID 2.Enter Query 3.Click Submit	Mail ID: 1904109ece@cit.edu.in Query: Sensor value not displayed properly

Aboutus_TC_O12	Functional	About us	Verify user is able to see the About us page	Nil	1.Click side bar button 2.Click About us	Nil
Gardeningtips_TC_O13	Functional	Gardening Tips	Verify user is able to shift to gardening tips page in the website	Nil	1.Click side bar button 2.Click About us	Nil
Logout_TC_O14	Functional	Logout	Verify user is able to logout from the account	Nil	1.Click side bar button 2.Click Logout	Nil
Logout_TC_O15	Functional	Logout	Verify user is able to logout from the account	Nil	1.Click side bar button 2.Click Logout	Nil

Test case ID	Expected Result	Actual Result	Status	Commnets	TC for Automation(Y/N)	BUG ID	Executed By
LoginPage_TC_OO1	Login/Register page should appear	Working as expected	Pass	-	Y	-	Sathish P
LoginPage_TC_OO2	Pop up should appear to verify the mail	Working as expected	Pass	-	Y	-	Ranga Krishna Prasdh H
LoginPage_TC_OO3	User should navigate to user account Dashboard	Working as expected	Pass	-	Y	-	Priya Dharshini C
Dashboard_TC_OO4	Temperature should display	Not working properly	Fail	Sensor value not displayed	Y	Bug-1	Vishalini A J

Dashboard_TC_OO5	Temperature should display	Working as expected	Pass	-	Y	-	Sathish P
Dashboard_TC_OO6	Water pump should turn on	Not working properly	Fail	Water pump not working	Y	Bug-2	Ranga Krishna Prasdh H
Dashboard_TC_OO7	Water pump should turn on	Working as expected	Pass	-	Y	-	Priya Dharshini C
Dashboard_TC_OO8	Water pump should turn off	Working as expected	Pass	-	Y	-	Sathish P
Dashboard_TC_OO9	Customer support page should appear	Working as expected	Pass	-	Y	-	Ranga Krishna Prasdh H
Customersupport_TC_O10	Pop up should appear on successful submission	Not working properly	Fail	Pop up not appeared	Y	Bug-3	Vishalini A J
Customersupport_TC_O11	Pop up should appear on successful submission	Working as expected	Pass	-	Y	-	Sathish P
Aboutus_TC_O12	About us page should appear	Working as expected	Pass	-	Y	-	Ranga Krishna Prasdh H
Gardeningtips_TC_O13	Web page should appear	Working as expected	Pass	-	Y	-	Priya Dharshini C
Logout_TC_O14	Login/Register page should appear	Not working properly	Fail	Logout not working properly	Y	-	Vishalini A J
Logout_TC_O15	Login/Register page should appear	Working as expected	Pass	-	Y	-	Sathish P