

Test Cases

Date	03 November 2022
Team ID	PNT2022TMID27433
Project Name	Smart Farmer - IoT Enabled Smart Farming Application
Maximum Marks	4 Marks

Test case ID	Feature Type	Component	Test Scenario	Pre-Requisite	Steps To Execute	Expected Result	Actual Result	Status	Comments	TC for Automation(Y/N)	BUG ID	Executed By
HomePage_01	Functional	Home Page	Verify user can see the Login page when user clicked on Go to Login button	App should be installed on the mobile.	1.Click on Go to Login button. 2. The app will enter the login page.	The login page should be displayed.	Working as expected .	Pass	Steps are clear and simple.	N	Nil	Vigneshwar J
LoginPage_02	Functional	Login Page	Verify the user can view and login in the login page.	Go to login button should be clicked on the previous page.	1.Enter Username and Password. 2. Click on Login button below to get into the Info page. 3. Verify login with below UI elements: a. Username text box b. Password text box c. Login button	1. Application should go to the Info page after successfully Logging in. 2. If the credentials are wrong, an alert notifier should pop up.	Working as expected .	Pass	Simple design.	N	Nil	Alameen A A

Test Cases

LoginPage_03	UI	Login page	Verify user can log into application with Valid credentials	The user should be navigated from the home page.	1.Enter Valid username in text box. 2. Enter valid password in password text box. 3. Click on login button.	User should navigate to app information page.	Working as expected .	Pass	Easy and simple user-friendly UI.	N	Nil	Vigneshwar J
InfoPage_04	Functional	Info page	Verify user can view the information about the Smart Farmer System.	The user should successfully login from Login page.	1. Enter the Info page. 2. The user can know about the Smart Farmer Application. 3. The user can also logout from this page to the login page.	1. Application should show Monitor Parameters and Logout button. 2. When clicked monitor parameters button, the user should navigate to the Main page. 3. When clicked Logout button, the user should navigate back to the Login page.	Working as expected .	Pass	Clear information was given.	N	Nil	Alameen A A

Test Cases

InfoPage_05	UI	Info page	1. Verify user can navigate into the main page by clicking the Monitor parameters button. 2. When clicked Logout button, verify the user should navigate back to the Login page.	The user should successfully login from Login page.	1. Enter the Info page. 2. The user can know about the Smart Farmer Application. 3. The user can get into the main page from here through the monitor parameters button. 3. The user can also logout from this page to the login page.	1. The user should be navigated to the Main page. 2. The user can also logout to the Login page.	Working as expected .	Pass	Clear information was given.	N	Nil	Dinesh Kumar A
MainPage_06	Functional	Main page	1. Verify user can monitor the parameters from the main page. 2. Verify user can control the motor function through the main page.	The user needs to successfully navigated from the Info Page.	1. Enter the Main page. 2. Click on Motor control buttons to control the motor remotely from the Mobile. 3. Click on the Back button to navigate back to Info Page. 4. Click on the Exit button to completely exit from the application. 5. The user can remotely monitor the parameters.	1. The user can able to view the parameters of the field remotely from anywhere. 2. The user can also control the motor remotely from anywhere to regulate water in fields.	Working as expected .	Pass	1. The parameters can be viewed remotely. 2. Motor controlling is easy.	N	Nil	Surendharan E B