

Date	17 November 2022
Team ID	PNT2022TMID44390
Project Name	Project Title – Smart Farmer - IOT Enabled Smart Farming Application

TEST CASES

Test case ID	Feature type	Component	Test scenario	Pre requisite	Steps to execute	Expected result	Actual result	Status	Executed by
Home page_01	Functional	Home page	Verify user can see the home page.	App should be install on mobile.	The app will enter the home page	Home page should be displayed	Working as expected	Pass	Charulatha H
Login page_02	Functional	Login page	Verify user can view the login page	Go to the login button	1.Enter username and password 2.Click on login button below the info page 3.Verify login with below UI elements a.Username b.Passsword c.Login button	Application should go to the info page after successfully logging in	Working as expected	Pass	Deepika R
Login page_03	UI	Login page	Verify user can login 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 info page	Working as expected	Pass	Pavithra Devi V R

Info page_04	Functional	Info page	Verify user can give the information about the Farmland.	The user should successfully login from the login page.	1.Enter the info page 2.The user can know about the farmland 3.The user can also exit from the login page.	1.Application should monitor parameter and exit button. 2.When clicked parameter button the user should navigate to the main page.	Working as expected	Pass	Ramya K G
Main page_05	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 button to control the motor remotely from the mobile. 3.Click on exit button to completely exit from the application.	1.The user can able to view the parameters of the field remotely from anywhere. 2.User can also control the motor remotely from anywhere to regulate water in fields.	Working as expected	Pass	Charulatha H Deepika R Pavithra Devi V R Ramya K G