TESTCASE ID	TESTCASE	TEST SCENARIO
1	IBM WATSON IOT PLATFORM	To check whether the ibm watson is get connected
2	Python Compiler and Wokwi	to check the connection is established in Cloud
3	NODE-RED	to check whether node-red is connected and shows the output
4	MIT App Invertor	check whether the outputs are shown in
5	QR CODE	check whether qr code is generated
6	TESTING	check entire process

TEAM ID : PNT2022TMID13381
PROJECT : IOT BASED SMART CROP PROTECTION SYSYTEM FOR AGRICULTURE
DATE : 19 NOVEMBER 2022

TEST STEPS	INPUTS
login to ibm watson iot platform	id , password
check whether it has the separate organization id	new id
check whether team mates are get connected	team mates id
check whether separate device name , id , authentication token generated	device name , type
to check whether it is showing output	device code and inputs
To check the whether the pH value is shown are not	pH reading
to check whether the Temperature and humidity are shown	Temperature & humidity
login in to node-red	id , password
check whether all the necessities are imported and connected	nodes
check whether all the nodes ar connected	node connection
check whether the output are shown in nodered	output found or not
check whether the login is created	id,password
check whether new project is created in MIT	Project created
check whether the designer page is ready to use	create app
check whether it the block page is created	create block
check whether the block run successfully without error	run block
check whether the code shows any error	code
check whether the MIT provide QR code	QR Code
check whether the MIT app is installed in mobile	install in mobile
check whether the QR code get connected	app link
check whether the screen is found in mobile	screen found
check watson is connected	watson
check node-red is connected	node-red
check whether python is connected	python
check whether details are shown	MIT App

EXPECTED OUTPUT	ACTUAL OUTPUT	TEST RESULT
it should get login to the watson page	it has been logged in to the login page	PASS
it should shows the organization id	separate organization id has been shown	PASS
it should shows the all the team members name / id	it is showing all the team members	PASS
new device should be created	new device has been created	PASS
it should shows device gets connected and should show the output	its showing that device gets connected and output are verified	PASS
it need to show the ph value sometimes may random	it show the ph value for the input	PASS
it should show temperature & humidity	it show the temperature & humidity value for input	PASS
it should get login to the node-red page	its get entered into the login page	PASS
it should not show any error on nodes	it is not showing any errors	PASS
blocks should gets connected	blocks has been connected	PASS
output should be obtained	output has been obtained	PASS
Get into the MIT app invertor	MIT App invertor is getted	PASS
the new project is created	the new project is created	PASS
it should created	it is created successfully	PASS
block should created	it is created successfully	PASS
it should get input from cloud	it has been connected and provide output	PASS
it should not shows any error	it is not showing any errors	PASS
QR code has been generated	QR code is generated	PASS
user should install mobile app	app is install successfully	PASS
mobile gets connected	mobile has been connected	PASS
screen should be generated	screen has been generated	PASS
iot watson should produce its output	iot watson has producing its output	PASS
node-red should produce its output	node-red has been producing its output	PASS
python should gets connected	python has been connected	PASS
details in MIT should be shown	details in MIT should be shown	PASS

TEST COMMENTS	BUG ID	TESTED BY
GOOD		Aarthy M
GOOD		Aarthy M
GOOD		Aarthy M
GOOD		Aarthy M
GOOD		Aarthy M
GOOD		Hemanithi J
GOOD		Hemanithi J
GOOD		Hemanithi J
GOOD		Hemanithi J
GOOD		Hemanithi J
GOOD		Hemanithi J
GOOD		Kiruthika B
GOOD		Kiruthika B
GOOD		Kiruthika B
GOOD		Kiruthika B
GOOD		Kiruthika B
GOOD		Kiruthika B
GOOD		Kiruthika B
GOOD		Kiruthika B
GOOD		Kiruthika B
GOOD		Kowsika P
GOOD		Kowsika P
GOOD		Kowsika P
GOOD		Kowsika P
GOOD		Kowsika P