Test Cases

TEAM ID : PNT2022TMID1307
PROJECT : Real Time river Water Monitoring and control system
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TESTCASE ID	TESTCASE	TEST SCENARIO	TEST STEPS	INPUTS
1	IBM WATSON IOT PLATFORM	To check whether the ibm watson is get connected	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

EXPECTED OUTPUT	ACTUAL OUTPUT	TEST RESULT	TEST COMMENTS	BUG ID	TESTED BY
it should get login to the watson page	it has been logged in to the login page	PASS	GOOD		Gobika.S
it should shows the organization id	separate organization id has been shown	PASS	GOOD		Gobika.S
it should shows the all the team members name / id	it is showing all the team members	PASS	GOOD		Gobika.S
new device should be created	new device has been created	PASS	GOOD		Gobika.S
it should shows device gets connected and should show the output	its showing that device gets connected and output are verified	PASS	GOOD		Gobika.S

2	Python Compiler and Wokwi	to check the connection is established in Cloud	To check the whether the pH value is shown are not	pH reading
			to check whether the Temperature and humidity are shown	Temperature & humidity

pH reading	it need to show the ph value sometimes may random	it show the ph value for the input	PASS	GOOD		Brudhalakshmi.S
Temperature & humidity	it should show temperature & humidity	it show the temperature & humidity value for input	PASS	GOOD		Brundhalakshmi.S

3	NODE-RED	to check whether node-red is connected and shows the output	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

it should get login to the node-red page	its get entered into the login page	PASS	GOOD		Brudhalakshmi.M
it should not show any error on nodes	it is not showing any errors	PASS	GOOD		Brudhalakshmi.M
blocks should gets connected	blocks has been connected	PASS	GOOD		Brudhalakshmi.M
output should be obtained	output has been obtained	PASS	GOOD		Brudhalakshmi.M

id,password	Get into the MIT app invertor	MIT App invertor is getted	PASS	GOOD		Kaviya.S
Project created	the new project is created	the new project is created	PASS	GOOD		Kaviya.S
create app	it should created	it is created successfully	PASS	GOOD		Kaviya.S
create block	block should created	it is created successfully	PASS	GOOD		Kaviya.S
run block	it should get input from cloud	it has been connected and provide output	PASS	GOOD		Kaviya.S
code	it should not shows any error	it is not showing any errors	PASS	GOOD		Kaviya.S
QR Code	QR code has been generated	QR code is generated	PASS	GOOD		Kaviya.S
install in mobile	user should install mobile app	app is install successfully	PASS	GOOD		Kaviya.S
app link	mobile gets connected	mobile has been connected	PASS	GOOD		Kaviya.S
screen found	screen should be generated	screen has been generated	PASS	GOOD		Kaviya.S

5	TESTING		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

watson	iot watson should produce its output	iot watson has producing its output	PASS	GOOD		Kavipriya.R
node-red	node-red should produce its output	node-red has been producing its output	PASS	GOOD		Kavipriya.R
python	python should gets connected	python has been connected	PASS	GOOD		Kavipriya.R
MIT App	details in MIT should be shown	details in MIT should be shown	PASS	GOOD		Kavipriya.R