TEST CASE REPORT

DATE	21 NOVEMBER 2022
TEAM ID	PNT2022TMID41904s
PROJECT NAME	Project -IOT Based Safety Gadget for Child Safety Monitoring and Notification
MAXIMUM MARKS	4 Marks

Test case ID	Feature Type	Compo nent	Test Scenario	Pre-Requisite	Steps To Execute	Test Data	Expected Result	Actual Result	Stat us	Commnets	TC for Automation(Y/N)	BUG ID	Executed By	
pythoncode_TC _001	code	python3.7. 0	Verify python code is run without error	software	1.download python version 3.7.0 2.type the program and save it 3.verify it is run continuously	import json import wiotp.sdk.device import time myConfig = { "identity":{ "orgId":"3x3tqu", "typeId":"childsafetydevic etype", "deviceId":"jeho77iot" }, "auth":{ "token":"HiO5Z8xJs+k03j LMMM5" } } client = wiotp.sdk.device.Device Client(config=myConfig, logHandlers=None) client.connect() while True: name="locater"		Working as expected	Pass	steps are clear to follow	yes	NIL	Thaboral Grace	

Test case ID	Feature Type	Compo nent	Test Scenario	Pre-Requisite	Steps To Execute	Test Data	Expected Result	Actual Result	Stat us	Commnets	TC for Automation(Y/N	BUG ID
board_TC_004	Non-Functional	IBM cloud services	verify the events shown in the card	IBM cloud services	1.go to IBM watson IOT platform 2.create the board	board: monitoring	gauge: lattitude gauge:longitude	working as expected	Pass	Steps are not clear to follow	yes	NIL
cloudantDB_TC _004	dataset	IBM Cloud services	Verify the events stored in the board	IBM cloud services	1.go to IBM cloud services 2.in resources list,click on cloudant 3.in database create a	document: tracker	successfully created the database	Working as expected	Pass	Steps are not clear to follow	yes	NIL
NodeRedServic e_TC_005	Functional	IBM Cloud services	Verify to create a node red services	IBM cloud services	1.in IBM cloud services go to catalog 2.create a node red app 3.deploy the app 4.visit the app URL 5.in node red we connect th IBM watson IOT platform	using geofence node, we create a form of circle to check whether the child in that area or not	nodes are connected	Working as expected	Pass	Steps are not clear to follow	yes	NIL
webUI_TC_006	Functional	node red	to creta a web UI to interact wit	Node Red Services	1.go to dashboard 2.open a link i	shows the exact location	pins the location of the person	working as	Pass	Steps are not clear to fol	yes	NIL

	Test Scenarios
1	Verify the python code is run without error

TEST CASE REPORT

2	verify the login of the cloud services
3	verify create a device in the IBM Watson IOT platform and get the device credentials
4	verify the events shown in the card
5	verify the events is stored in the database
6	verify to create node-red services
7	to create a web UI to interact with user
8	verify user is able to login to the app with valid credentials
9	verify it shows the location of the user