				Date	16 November 2022							
				Team ID	PNT2022TMID45857							
				Project Name	Notification Project - IoT Based Safety Gadget for Child Safety Monitoring &							
				Maximum Marks	4 marks							

Test case ID	Feature Type	Component	Test Scenario	Pre-Requisite	Steps To Execute	Test Data	Expected Result	Result Actual	Status	TC for Automation (Y/N)	BUG ID	Executed By
IBM CLOUD _TC_001	Functional	Service IBM Cloud	Verify the login cloud services	Software	1. Login in using cloud.ibm.com 2. Obtain promocode in ICT 3. Then apply code the and Login 4. The page will be directed to the IBM cloud account	email:813519106004smartinterz.com Password : PNTMID45857	Successfully created the IBM account	Working as expected	Pass	YES	NIL	Apsana A Vinitha cv Anitha K
IBM Watson IoT Platform_TC_OO2	Functional	Service IBM Cloud	Verify create a device in the IBM device credentials. Watson IoT platform and get the	IBM Cloud Service	1.In IBM Cloud Service go to catalog 2.Create and launch the IBM Watson IoT Platform 3.Login to the Platform by clicking organization ID 5.Generate the API Key 4.Create a device & configure the device type and ID		{'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 78.5488783} Create a device & integrate with code	Working as expected	Pass	YES	NIL	Apsana A Vinitha cv Anitha k
PythonCode_TC_OO3	Code	Python 3.9	Verify wheather the python code is without error by running it	Software	1.Download the python version3.9 2.Type the program and save it with the extention .py 3.Verify it by compiling the code	import json import wiotp.sdk.device import time import random myConfig = { "identity":{ "orgId": "4o1qxb",	wiotp.sdk.device.client. 022-11-18 12:25:57,235 DeviceClient INFO successfully: d:4o1qxb: Connected TestDeviceType:12345	Working as expected	Pass	YES	NIL	Apsana A Vinitha cv Anitha K
Node_Red_TC_004	Non-Functional	Service IBM Cloud	Verify to create a node-red services	IBM cloud services	1. In IBM cloud go to catalog 3. Click onto Deploy App 2. To create a Node-Red app 4. Visit the app URL 5. We need to connect the Node-Red with the IBM watson	We use a geofence node to form a present in the circle or not. cirlce shaped range whether the child is	node-red Successfully created the	Working as expected	Pass	NO	NIL	Apsana A Vinitha cv Anitha k
CloundantDB_TC_OO5	Dataset	Service IBM Cloud	Verify the events is stored in the database	IBM Cloud Service	1.Go to IBM Cloud Services 2.In resources list, click onto cloudant 4.Click onto create DB. 3.Click onto the launch dashbord to redirect to the cloud DB	Document: tracker	Database Successfully created the	Working as expected	Pass	NO	NIL	Apsana A Vinitha cv Anitha k
Web UI_TC_006	Functional	Service Node-Red	To create a web UI to interact with user	Node-Red Service	1. Go to Node-Red Dashboard 2. Make the necessary connection and deploy it. 4. Display the child and geofence location. 3. Copy the URL and paste it in the new tab with "/ui" extention .	Shows the locaion of parent and child	And as expected it the child and parent displays the Position of	Working as expected	Pass	NO	NIL	Apsana A Vinitha cv Anitha
FastSMS Service_TC_OO7	Functional	Service Fast2SMS	To send SMS to the particular child's guardian	Software	1.Login to Fast2SMS Service 3.SMS will be sent using Flash SMS option to the registered number 2.GO to Dev API and select quick API	Show the pop up SMS	Alert: The person is not geofence area in the particular	Working as expected	Pass	NO	NIL	Apsana A Vinitha cv Anitha K

Test Scenarios

1.) Verify the login cloud services

2.)Verify create a device in the IBM Watson IoT platform and get the device credentials.

    3.) Verify wheather the python code is without error by running it

    4.) Verify to create a node-red services

    5.) Verify the events is stored in the database

    6.) To create a web UI to interact with user

    7.) To send SMS to the particular child's guardian