

				Date	16 November 2022							
				Team ID	PNT2022TMD27117							
				Project Name	Project - IoT Based Safety Gadget for Child Safety Monitoring & Notification							
				Maximum Marks	4 marks							
Test case ID	Feature Type	Component	Test Scenario	Pre-Requisite	Steps To Execute	Test Data	Expected Result	Actual Result	Status	TC for Automation (Y/N)	BUG ID	Executed By
IBM CLOUD_TC_001	Functional	IBM Cloud Service	Verify the login cloud services	Software	1. Login in cloud.ibm.com 2. Obtain promocode in ICT 3. Then apply code the and Login 4. Have been login in to the IBM cloud	email: 310819106301@smartintern z.com Password : PNTIBMBb22	Successfully created the IBM account	Working as expected	Pass	YES	NIL	1.MUTHURAJ S 2.ANGLEENA REJI 3. ANUPAMA M 4. DIVYA L
IBM Watson IoT Platform_TC_OO2	Functional	IBM Cloud Service	Verify create a device in the IBM Watson IoT platform and get the device credentials.		1.In IBM Cloud Service go to catalog 2.create and launch the IBM Watson IoT Platform 3.Login the Platform by clicking organization ID 4.Create a device & configure the device type and ID 5.Generate the API Key	Create a device & integrate with code		Working as expected	Pass	YES	NIL	1.MUTHURAJ S 2.ANGLEENA REJI 3. ANUPAMA M 4. DIVYA L
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 run the code and decode the error by compilation	import json import wiots.sdk device import time import random myConfig = { "identity": {		Working as expected	Pass	YES	NIL	1.MUTHURAJ S 2.ANGLEENA REJI 3. ANUPAMA M 4. DIVYA L
Node_Red_TC_004	Non-Functional	IBM Cloud Service	Verify to create a node-red services	IBM cloud services	1. In IBM cloud go to catalog 2. To create a Node-Red app 3. Deploy app 4. Visit the app URL 5. In Node-Red we need to connect we need to connect with IBM watson	We use a geofence node to form a circlce shaped range whether the child is present in the circle or not.	Successfully created the node-red	Working as expected	Pass	NO	NIL	1.MUTHURAJ S 2.ANGLEENA REJI 3. ANUPAMA M 4. DIVYA L
CloundantDB_TC_OO5	Dataset	IBM Cloud Service	Verify the events is stored in the database	IBM Cloud Service	1.Go to IBM Cloud Services 2.In resources list, click on cloundant 3.In database, create a document to	Document: tracker	Successfully created the Database	Working as expected	Pass	NO	NIL	1.MUTHURAJ S 2.ANGLEENA REJI 3. ANUPAMA M 4. DIVYA L
Web UI_TC_006	Functional	Node-Red Service	To create a web UI to interact with user	Node-Red Service	1. Go to Dashboard 2. Open the URL link UI dashboard 3. and displays the location 4. Shows two Pin mark in map of child and parent location	Shows the locaon of parent and child	And as expected it displays the Position of the child and parent	Working as expected	Pass	NO	NIL	1.MUTHURAJ S 2.ANGLEENA REJI 3. ANUPAMA M 4. DIVYA L
FastSMS Service_TC_OO7	Functional	Fast2SMS Service	To send SMS to the particular child's guardian	Software	1.Login to Fast2SMS Service 2.GO to Dev API and select quick API 3.will send SMS using Flash SMS option to the registered number	Show the pop up SMS	Alert: The person is not in the particular geofence area	Working as expected	Pass	NO	NIL	1.MUTHURAJ S 2.ANGLEENA REJI 3. ANUPAMA M 4. DIVYA L