				Date	**17/Nov/22**			
				Team ID	**PNT2022TMID40437**			
				Project Name	**Smart Farmer IoT Enabled Smart farming Application**			

NFT - Risk Assessment

S.No	Scenario Name	Scope/feature	Functional Changes	Hardware Changes	Software Changes	Impact of Downtime	Load/Volume Changes	Risk Score
1	Detection accuracy - Response	New	New	Low	Moderate	Moderate	No Changes	Orange
2	Soil Moisture ,Temperature and Humidity below threshold limit	New	Moderate	No	NO	Low	No Changes	Green

NFT - Detailed Test Plan

S.No	Project Overview	NFT Test approach	Assumptions/Dependencies/Risk	Approvals/SignOff
1	Detection Accuracy and response	Using python and Node Red	Dependency- Cloud client / Risk- Moderate	
2	Soil Moisture Temperature and Humidity below threshold limit	Using python and Node Red	Dependency- Cloud client / Risk- Low	
3	User Mobile Application	Using MIT App Inventor	Dependency- Cloud client / Risk- Low	

End Of Test Report

S.No	Project Overview	FT Test approa	NFR - Met	Test Outcome	GO/NO-GO decision	Identified Defects (Detected/ Closed/Open)	Approvals/SignOff
1	Detection accuracy - Response	Using Python and NodeRed	No	Expectaions partially met	No-Go	Observed intermittent performance issue sometimes . Bug is open	.

2	Soil Moisture Temperature and Humidity below threshold limit	Using Python and NodeRed	Yes	Expectations partially met	Go	Oberved response for the leakage detection in the UI and its accuracy is as expected.		