			Team ID	PNT2022TMID27105		
			Project Name	Smart farmer – IoT enabled smart Farming Application		
			NFT - Risk Assessment			
S.No	Project Name	Scope/feature	Functional Changes	Hardware Changes	Risk Score	Justification
1	Smart farmer – IoT enabled smart Farming Application	New	No Changes	No Changes	GREEN	As we have completed the project successfully
			NFT - Detailed Test Plan			
			S.No	Project Overview	NFT Test Approach	
			1	This project proposes a model to check soil temperature, humidity, moisture through smartphones that can track the changes and give the precise output of the farm in real-time anywhere.	Load Test	
			End Of Test Report			
S.No	Project Overview	NFT Test approach	NFR - Met	Test Outcome	Approvals/SignOff	
1	The application aside from conceding you to track down the soil temperature, moisture, humidity, also functions when there is any change in the physical parameters. This farming will be the next generation of farming.	Load Test	Nil	Respone time meet the actual Result	Approved	

NFT Test approach	
Load Test	
Scenario Name	Load Test – SENSOR SAMPLE PROJECT
Scenario Type	Load Test - Duration 15 minutes
Scenario Objectives	To Stimulate Python Code and to monitor the performance of SENSOR SAMPLE PROJECT
Steps	1. We have integrate IBM Watson IoT Platform in order to get this PHYSICAL PARAMETERS details from python program. 2. We also integrate fast SMS service in order to send an alert to Farmer or User.
Entry Criteria	Test data is set-up. All the Components(software & hardware) is set-up. It is completed successfully.
Exit Criteria	Response time meets the actual Result. Test completion report is agreed upon by mentors