PERFORMANCE TESTING

TEAM ID	**PNT2022TMID24852**
PROJECT NAME	**IOT BASED CROP PROTECTION SYSTEM FOR AGRICULTURE**
DATE	**18 November 2022**
MAX MARKS	**4 marks**

METRICES:

			NFT - Risk Assessment					
S.No	Project Name	Scope/feature	Functional Changes	Hardware Changes	Software Changes	Load/Volume Changes	Risk Score	Justification
1	Motor ON/OFF	Existing	Moderate	No Changes	Moderate	>10 to 30%	ORANGE	Changes occurs less
2	Sensor values	Existing	Moderate	No Changes	Moderate	>10 to 30%	ORANGE	Some changes occurs

	NFT - Detailed Test Plan			
S.No	Project Overview	NFT Test approach	Approvals/SignOff	Assumptions/Dependencies/Risk
1	Python script	Python coding		Depend on the delivered code
2	Node Red	Sensor & command values		Sensor values
3	MIT App Inventor	Motor control/Sensors notification		Notifications
4	Clarifai	To detect animals and birds		Detection

			End Of Test Report					
S.No	Project Overview	NFT Test approach	NFR - Met	Test Outcome	GO/NO-GO decision	Identified Defects (Detected/Closed/Open)	Recommendations	Approvals/SignOff
1	Python Code	Python coding	Met	Pass	GO	Closed	Efficient code	
2	Node Red	Sensors&command values	Met	Pass	GO	Closed	Sensing the values perfectly	
3	MIT App Inventor	Motor control/Sensors notification	Met	Pass	GO	Closed	Notifies the users at correct time	
			Met	Pass	GO	Closed	Detects animal and alert user	