

			Team ID	PNT2022TMID33170		
			Project Name	Natural Disasters Intensity Analysis and Classification using Artificial Intelligence		
			N FT - Risk Assessment			
S.No	Project Name	Scope/feature	Functional Changes	Hardware Changes	Risk Score	Justification
1	Natural Disasters Intensity Analysis and Classification using Artificial Intelligence	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	Natural disasters not only disturb the human ecological system but also destroy the properties and critical infrastructures of human societies and even lead to permanent change in the ecosystem. Disaster can be caused by naturally occurring events such as earthquakes, cyclones, floods, and wildfires. Many deep learning techniques have been applied by various researchers to detect and classify natural disasters to overcome losses in ecosystems, but detection of natural disasters still faces issues due to the complex and imbalanced structures of images.	Load Test	
			End Of Test Report			
S.No	Project Overview	NFT Test approach	NFR - Met	Test Outcome	Approvals/SignOff	
1	Natural disasters not only disturb the human ecological system but also destroy the properties and critical infrastructures of human societies and even lead to permanent change in the ecosystem. Disaster can be caused by naturally occurring events such as earthquakes, cyclones, floods, and wildfires. Many deep learning techniques have been applied by various researchers to detect and classify natural disasters to overcome losses in ecosystems, but detection of natural disasters still faces issues due to the complex and imbalanced structures of images.	Load Test	Nil	Response time meet the actual Result	Approved	

NFT Test approach	
Load Test	
Scenario Name	Load Test – Predicting the natural disaster through the data received from the webcam
Scenario Type	Load Test - Duration 15 minutes
Scenario Objectives	To run Python Code through anaconda navigator and to predict the natural disaster SAMPLE PROJECT
Steps	<ol style="list-style-type: none"> 1. We have integrate IBM Watson IoT Platform in order to view our result from python program through cloud 2. We do alerting message through web page
Entry Criteria	Test data is set-up. All the Components(software & hardware) is set-up. It is completed successfully.
Exit Criteria	<p>Response time meets the actual Result.</p> <p>Test completion report is agreed upon by mentors</p>