

				Date	11-17-2022							
				Team ID	PNT2022TMD33754							
				Project Name	Project - Industry-specific intelligent fire management system							
				Maximum Marks	4 marks							
Test case ID	Feature Type	Component	Test Scenario	Pre-Requisite	Steps To Execute	Test Data	Expected Result	Actual Result	Status	Comments	TC for Automation (Y/N)	Executed By
Fire detection	Functional	IOT Sensors	Verify the fire detection and sensor working models.	Allocate fire extinguisher for pre requisite	1. Allocate the sensors in correct place. 2.First check the flame,gas,temperature in any symtoms. 3.If any symtoms sensors are detect the fire	1. Flame sensor2.Gas sensor 3.Temperature sensor	Sensors are identifying the fire	Working as expected	Pass	detect the fire	Yes	Through IOT devices
Alarm,Voice Instruction	Functional	Python Voice instruction,Alarm	Verify the working of Alarm and Voice instruction	Nothing	1. Allocate the sensors in correct place. 2.First check the flame,gas,temperature in any symtoms. 3.If any symtoms sensors are detect the fire 4.First activated the fire alarm 5.Next give the voice instruction	Alarm_Voice_instructor	Activate the alarm and voice instruction	Working as expected	Pass	Given the voice instruction and alarm	Yes	Alarm and Pyhton codes
Database	functional	Sql and server	Verify to analyse the database storage	Data	1. Allocate the sensors in correct place. 2.First check the flame,gas,temperature in any symtoms. 3.If any symtoms sensors are detect the fire 4.First activated the fire alarm 5.Next give the voice instruction Data are stored in databases 6.	Database storage checking	Use to store the database	Working as expected	Pass	Analyse the database	Yes	SQL in database
Protocol removal	Functional	Emergency security removal	Verify to analyse protocol removal	Protocol	1. Allocate the sensors in correct place. 2.First check the flame,gas,temperature in any symtoms. 3.If any symtoms sensors are detect the fire 4.First activated the fire alarm 5.Next give the voice instruction Data are stored in databases 7.Protocol removal 6.	protocol checking and removal	Remove of protocol is reduce the damage control	Working as expected	Pass	Use of protocol removal	Yes	Protocol removal system