

# MILESTONE LIST

Project Name	Industry Specific-Intelligent Fire Management System	Date	01 October 2022
Project Domain	Internet Of Things	No of Members	4
Project Leader	Gopinath.R.H	Project Owner/Client	IBM

Milestone Name	Milestone Number	Description	Mandatory	Optional
Project Objectives	M-001	Gaining knowledge and connecting IoT devices to the Watson IoT platform and exchanging the sensor data.Gain knowledge on Cloudant DB and creating a Web Application through which the user interacts with the device.	Yes	-
Project Flow	M-002	Sending random fire and temperature values will be sent to the IBM IoT platform.Sensors values can be viewed in the Web Application which notifies the admin the random values cross the threshold value.	Yes	
Pre-Requisites	M-003	To complete this project we should have known the following such as cloud computing, programming languages,IBM platforms etc.,	Yes	
Prior Knowledge	M-004	One should have knowledge on the Arduino IDE environment, Arduino boards, IBM cloud, IBM watson platform,Node RED services, etc.,	Yes	
Data collection	M-005	We can collect dataset from different open sources like skills learning.com, UCI machine learning etc	Yes	
Model Building	M-007	Listing and assembling the model building components.Uploading the code in arduino UNO.Testing the model using Simulation software.	Yes	
Ideation Phase	M-008	Prepare Literature Survey on the selected Project and Information Gathering, empathy map and ideation	Yes	
Project Design Phase-I	M-009	Prepare Proposed solution , problem-solution fit and Solution Architecture	Yes	
Project Design Phase-II	M-010	Prepare Customer journey ,functional requirements,Data flow diagram and Technology Architecture	Yes	
Project Planning Phase	M-011	Prepare Milestone list , Activity list and Sprint Delivery Plan	Yes	
Project DevelopmentPhase	M-012	Project Development delivery of Sprint 1, Sprint 2, Sprint 3, Sprint 4	Yes	