

Project Planning Phase

SPRINT PLAN

Domain	Internet of Things
Team ID	PNT2022TMID38457
Project Name	Project - INDUSTRY-SPECIFIC INTELLIGENT FIRE MANAGEMENT SYSTEM
Team Members	PARAMA SIVAM E JEBARAJ A

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Sensing	USN-1	Use the sensors to sense the surroundings.	3	High	NITHISH KUMAR B JEBARAJ A PARAMA SIVAM E DAVID CHRISTOPHER S
	Operating	USN-2	Activating the fire sprinkler system and exhaust fan in case of a fire	3	Medium	NITHISH KUMAR B JEBARAJ A PARAMA SIVAM E DAVID CHRISTOPHER S
Sprint-2	Sending collected data to the IBM Watson platform	USN-3	Sending IBM Watson the data from the sensors.	3	High	NITHISH KUMAR B JEBARAJ A PARAMA SIVAM E DAVID CHRISTOPHER S

	Node red	USN-4	Data transmission from IBM Watson to Node Red.	3	High	NITHISH KUMAR B JEBARAJ A PARAMA SIVAM E DAVID CHRISTOPHER S
Sprint-3	Storing of sensor data	USN-5	Keeping data in a Cloudant database.	2	Medium	NITHISH KUMAR B JEBARAJ A PARAMA SIVAM E DAVID CHRISTOPHER S
	Registration	USN-6	My email and password are being entered to confirm the authentication process.	1	Medium	NITHISH KUMAR B JEBARAJ A PARAMA SIVAM E DAVID CHRISTOPHER S
	Web UI	USN-7	Keeps track of environmental conditions and presents sensor data.	3	High	NITHISH KUMAR B JEBARAJ A PARAMA SIVAM E DAVID CHRISTOPHER S

Sprint-4	Fast SMS Service	USN-8	When parameters like temperature, flame, and gas sensor readings exceed the threshold value, use FastSMS to send an alarm message.	3	High	NITHISH KUMAR B JEBARAJ A PARAMA SIVAM E DAVID CHRISTOPHER S
	Turn ON/OFF the actuators	USN-9	In that case, the user has the option to turn off both the sprinkler system and the exhaust fan.	2	Medium	NITHISH KUMAR B JEBARAJ A PARAMA SIVAM E DAVID CHRISTOPHER S
	Testing	USN-10	Project and final deliverables testing.	1	Low	NITHISH KUMAR B JEBARAJ A PARAMA SIVAM E DAVID CHRISTOPHER S

Project Tracker, Velocity & Burn down Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	6	6 Days	13 NOV 2022	19 NOV 2022	6	19 NOV 2022
Sprint-2	6	6 Days	13 NOV 2022	19 NOV 2022	6	19 NOV 2022
Sprint-3	6	6 Days	13 NOV 2022	19 NOV 2022	6	19 NOV 2022
Sprint-4	6	6 Days	13 NOV 2022	19 NOV 2022	6	19 Nov 2022