Project Planning Phase

Project Planning

Date	17 November 2022
Team ID	PNT2022TMID45391
Project Name	Project - INDUSTRY-SPECIFIC INTELLIGENT FIRE MANAGEMENT SYSTEM
Maximum Marks	8 Marks

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	Sensing the environment using the sensors.	3	High	Arul.B Ahamed Habeeb Ansari.VU Yuvaraja.E Arunkumar.R
	Operating	USN-2	Turning on the exhaust fan as well as the fire sprinkler system in cause of fire and gas leakage.	3	Medium	Arul.B Ahamed Habeeb Ansari.VU Yuvaraja.E Arunkumar.R
Sprint-2	Sending collected data to the IBM Watson platform	USN-3	Sending the data of the Sensors to the IBM Watson.	3	High	Arul.B Ahamed Habeeb Ansari.VU Yuvaraja.E Arunkumar.R

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
	Node red	USN-4	Sending the data from the IBM Watson to the Node red.	3	High	Arul.B Ahamed Habeeb Ansari.VU Yuvaraja.E Arunkumar.R
Sprint-3	Storing of sensor data	USN-5	Storing in Cloudant database.	2	Medium	Arul.B Ahamed Habeeb Ansari.VU Yuvaraja.E Arunkumar.R
	Registration	USN-6	Entering my email and password to verify authentication process.	1	Medium	Arul.B Ahamed Habeeb Ansari.VU Yuvaraja.E Arunkumar.R
	Web UI	USN-7	Monitors the situation of the environment which displays sensor information.	3	High	Arul.B Ahamed Habeeb Ansari.VU Yuvaraja.E Arunkumar.R
Sprint-4	Fast SMS Service	USN-8	Use Fast SMS to Send alert message once the parameters like temperature, flame and gas sensor readings goes beyond the threshold value.	3	High	Arul.B Ahamed Habeeb Ansari.VU Yuvaraja.E Arunkumar.R
	Turn ON/OFF the actuators	USN-9	User can turn off the Exhaust fan as well as the sprinkler system If need in that Situation.	2	Medium	Arul.B Ahamed Habeeb Ansari.VU Yuvaraja.E Arunkumar.R

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
	Testing	USN-10	Testing of project and Final Deliverables.	1	Low	Arul.B Ahamed Habeeb Ansari.VU Yuvaraja.E Arunkumar.R

Project Tracker, Velocity & Burndown 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	25 SEPT 2022	30 SEPT 2022	6	30 SEPT 2022
Sprint-2	6	6 Days	03 Oct 2022	09 OCT 2022	6	09 OCT 2022
Sprint-3	6	6 Days	15 OCT 2022	30 OCT 2022	6	30 OCT 2022

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-4	6	6 Days	12 Nov 2022	17 Nov 2022	6	17 Nov 2022