Project Planning Phase
Sprint Delivery Plan

Date	18 October 2022
Team ID	PNT2022TMID30870
Project Name	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	Register & Login	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	20	High	Hari Subash Kalaiyarasan
		USN-2	As a user, I will receive confirmation email once I have registered for the application	10	High	Kamal Mangala Vinith
		USN-3	As a user, I can log into the application by entering email & password	20	Low	Jone Hari Subash
Sprint-2	Sensor & Actuator	USN-4	In industry the sensor sense the fire & smoke	20	Medium	Kalaiyarasan Jone
		USN-5	If the sensor detected the fire, next step is extinguishing the fire with the help of the sprinkler	10	High	Kamal Mangala Vinith
Sprint 3	Cloud	USN-6	All the Values are stored in the Cloud Data Base	20	High	Jone Kamal
Sprint 4	Siren& Event Management	USN-7	If the fire is detected, workers should be Alerted by the intimation of the Siren/Buzzer	10	High	Hari Subash Mangala Vinith
		USN-8	Notification message will be send to the Fire Department	10	High	Kalaiyarasan Kamal

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	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$