PROJECT PLANNING PHASE
SPRINT DELIVERY PLAN

Date	**04 November 2022**
Team ID	**PNT2022TMID50348**
Project Name	**Emerging Methods for Early Detection ofForest Fires**
Maximum Marks	**8 Marks**

Product Backlog, Sprint Schedule, and Estimation

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirmingmy password.	20	High	SUDHARSHAN S RAJKUMAR M MANOJKUMAR M SHYAM SUNDAR B
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application usage.	20	High	SUDHARSHAN S RAJKUMAR M MANOJKUMAR M SHYAM SUNDAR B
Sprint-2	Input	USN-3	Whenever the fire is detected, the information is given to the database.	20	High	SUDHARSHAN S RAJKUMAR M MANOJKUMAR MSHYAM SUNDAR B
Sprint-2		USN-4	When it is the wildfire then the alarming system is activated.	20	High	SUDHARSHAN S RAJKUMAR M MANOJKUMAR M SHYAM SUNDAR B

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Output	USN-5	And the alarm also sent to the corresponding departments	20	High	SUDHARSHAN S RAJKUMAR M MANOJKUMAR

			and made them know that the wildfire is erupted.			MSHYAM SUNDAR B
Sprint-4	Action	USN-6	Required actions will be taken in order to controlled erupted wildfire by reaching as early as possible to the destination with thehelp of detecting systems.	20	High	SUDHARSHAN S RAJKUMAR M MANOJKUMAR MSHYAM SUNDAR B

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)

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