PROECT PLANNING

Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	5 NOVEMBER 2022
Team ID	PNT2022TMID23880
Project Name	Emerging Methods Of Early Detection of Forest Fires
Maximum Marks	8 Marks

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

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 confirming my password.	20	High	SRIJANANI M PUNITHA M SUREGA K SWETHA R
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application usage.	20	High	SRIJANANI M PUNITHA M SUREGA K SWETHA R
Sprint-2	Input	USN-3	Whenever the fire is detected, the information is given to the database.	20	High	SRIJANANI M PUNITHA M SUREGA K SWETHA R
Sprint-2		USN-4	When it is the wildfire then the alarming system is activated.	20	High	SRIJANANI M PUNITHA M SUREGA K SWETHA R
Sprint-3	Output	USN-5	And he alarm also sent to the corresponding departments and made them know that the wildfire is erupted.	20	High	SRIJANANI M PUNITHA M SUREGA K SWETHA R

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Sprint	Functional Requirements (Epic)	User Story Number	User Story/Task	Story Points	Priority	Team Members
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 the help of detecting systems.	20	High	SRIJANANI M PUNITHA M SUREGA K SWETHA R

PROJECT TRACKER, VELOCITY & BURNDOWN CHART: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date	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:

Image 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).

$$AV = \text{sprint duration / velocity}$$

$$20 / 10 = 2$$