Project Planning Phase

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

Date	16 November 2022
Team ID	PNT2022TMID50058
Project Name	IOT Based Smart Solution For Railways.
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	Login	USN-1, USN-2	Here User means further trend development until the system is saturated article limitation is possible.	20	High	GOWSALYA
Sprint-2	Dashboard	USN-3	User is maintenance based on the monitoring of the condition of the railway components.	20	Low	AISHWARYA
Sprint-3	Dashboard	USN-4	Efficiency of scheduling and increased energy efficiency and cost savings,increase the capacity of the railway network.	20	Medium	MALATHI

Sprint-4	Dashboard	USN-5	Single stop inspection at joint border crossing is a solution where only one common border station between the neighbouring countries is designed as a joint border control checkpoint.	20	High	JASMINE

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

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

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)