Project Planning Phase

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

Date	21 October 2022
Team ID	PNT2022TMID48869
Project Name	Predicting the energy output of wind turbine based on weather condition
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	User interface	USN-1	As a user, open the web pageby opening the html file.	2	High	S.SAHANA D.ANISWEDHA M.YUVETHA S.SOUMIYABALA P.GAYATHRI
Sprint-1		USN-2	The home page will open.	1	High	S.SAHANA D.ANISWEDHA M.YUVETHA S.SOUMIYABALA P.GAYATHRI
Sprint-2		USN-3	As a user, click on the introduction button.	2	Low	S.SAHANA D.ANISWEDHA M.YUVETHA S.SOUMIYABALA P.GAYATHRI
Sprint-1		USN-4	As a user, click on the launch button.	2	Medium	S.SAHANA D.ANISWEDHA M.YUVETHA S.SOUMIYABALA P.GAYATHRI
Sprint-1		USN-5	As a user, click on the upload button	1	High	S.SAHANA D.ANISWEDHA M.YUVETHA S.SOUMIYABALA P.GAYATHRI
		USN-6	As a user,the output energy of wind turbine is launched.	2	High	S.SAHANA D.ANISWEDHA M.YUVETHA S.SOUMIYABALA P.GAYATHRI

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		
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	6 Days	14 Nov 2022	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)

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