Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID01159
Project Name	Project - Hazardous Area Monitoring for Industrial Plant powered by IoT
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	Preparation	USN-1	As a user,I can give a detailed information about Planning of the project design	2	High	S.Shalini R.Nivetha
Sprint-1	Ideation	USN-2	As a user,I can obtain various Ideas that can be implemented for the project delivery	1	High	A.Nithyasri M.Narmadha
Sprint-2	Design	USN-3	As a user,I can analyse and prepare the project based on our needs	2	Medium	R.Nivetha M.Narmadha
Sprint-1	Planning	USN-4	As a user, I can create a cloud account and Watson IOT platform	2	Medium	S.Shalini M.Narmadha A.Nithyasri R.Nivetha
Sprint-1		USN-5	As a user, I can develop the project using the available solution	1	High	M.Narmadha A.Nithyasri

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		
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)

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

Burndown Chart: