Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID00619
Project Name	Corporate Employee Attrition Analytics
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	Visualization of attrition	USN-1	I can view the visualizations of number of employees stayed in the organization	2	High	Hemalatha P Aswini T Bharghavi J Kavya S
Sprint-1		USN-2	I can view the visualizations of number of employees left the organization	1	High	Hemalatha P Aswini T Bharghavi J Kavya S
Sprint-2		USN-3	I can view the visualizations of factors causing attrition like monthly income, work life balance etc	2	High	Hemalatha P Aswini T Bharghavi J Kavya S
Sprint-3	Displaying attrition factors	USN-4	I can view the factors causing more attrition	2	High	Hemalatha P Aswini T Bharghavi J Kavya S
Sprint-4		USN-5	I can view the factors causing less attrition	1	High	Hemalatha P Aswini T Bharghavi J Kavya S

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	4	6 Days	24 Oct 2022	29 Oct 2022	4	29 Oct 2022
Sprint-2	4	6 Days	31 Oct 2022	05 Nov 2022	4	05 Nov 2022
Sprint-3	4	6 Days	07 Nov 2022	12 Nov 2022	4	12 Nov 2022
Sprint-4	4	6 Days	14 Nov 2022	19 Nov 2022	4	19 Nov 2022

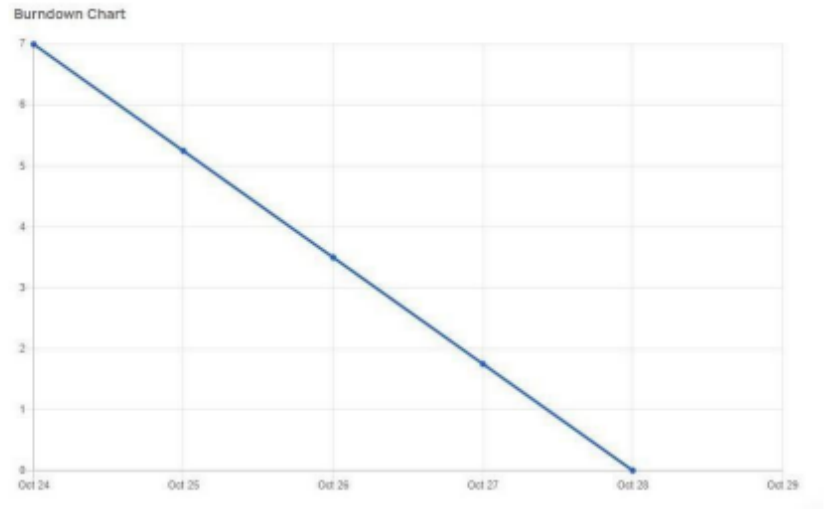
Velocity:

We have an 6-day sprint duration, and the velocity of the team is 4 (points per sprint). To calculate the team's average velocity (AV) per iteration unit (story points per day)

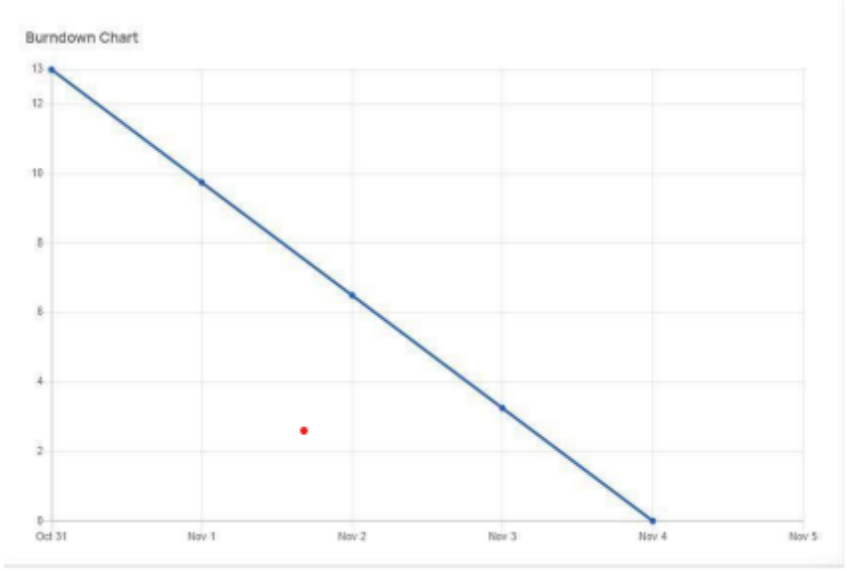
$$AV = \frac{\text{SPRINT DURATION}}{\text{VELOCITY}} = \frac{6}{4} = 1.5$$

Burndown Chart:

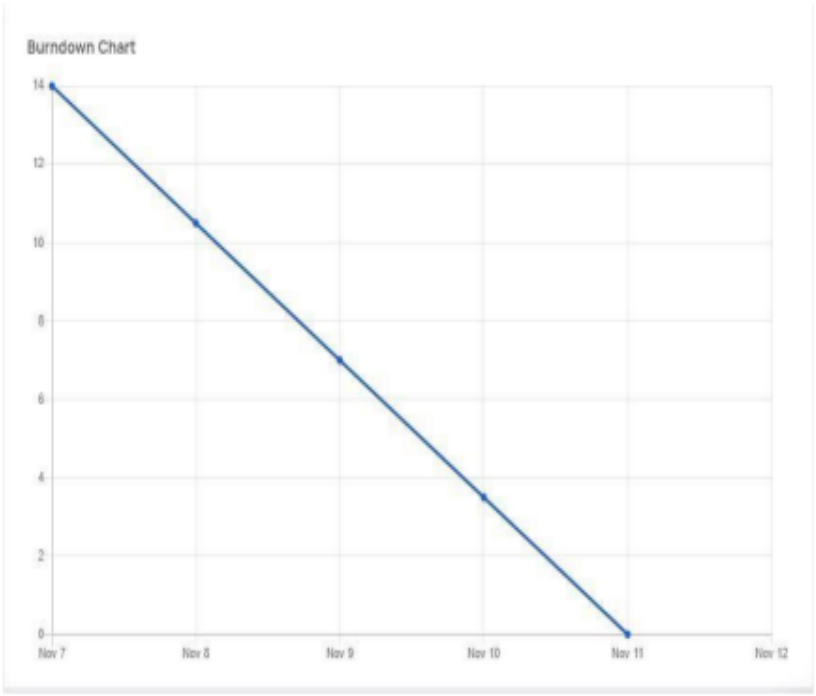
Sprint 1



Sprint 2



Sprint 3



Sprint 4