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

Date	18 November 2023
Team ID	PNT2022TMIDxxxxxx
Project Name	Project - xxx
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	User can register by entering email, password, and confirming password	2	High	Rishita, Saurabh
Sprint-1	Registration	USN-2	User receives a confirmation email after registration	1	High	Devang, Aman
Sprint-2	Registration	USN-3	User can register through Facebook.	2	Low	Rishita,Aman
Sprint-1	Registration	USN-4	User can register through Gmail.	2	Medium	Devang, Saurabh
Sprint-1	Login	USN-5	User can log in by entering email and password.	1	High	Rishita, Devang
Sprint-1	Dashboard	USN-6	User can view a personalized dashboard with relevant information.	3	Medium	Aman, Saurabh
Sprint-2	Dashboard	USN-7	User can customize dashboard layout	2	High	Rishita, Saurabh

Sprint-3	Dashboard	USN-8	User can share specific dashboard elements with other users.	2	Low	General, Aman
Sprint-3	Reports	USN-9	User can generate and download reports based on dashboard data.	4	High	Rishita, Devang
Sprint-4	Notifications	USN-10	User receives notifications for important platform events	2	Medium	General, Saurabh
Sprint-4	Notifications	USN-11	User can customize notification preferences.	2	Low	Rishita, Saurabh

Project Tracker, Velocity & Burndown Chart: (4 Marks)
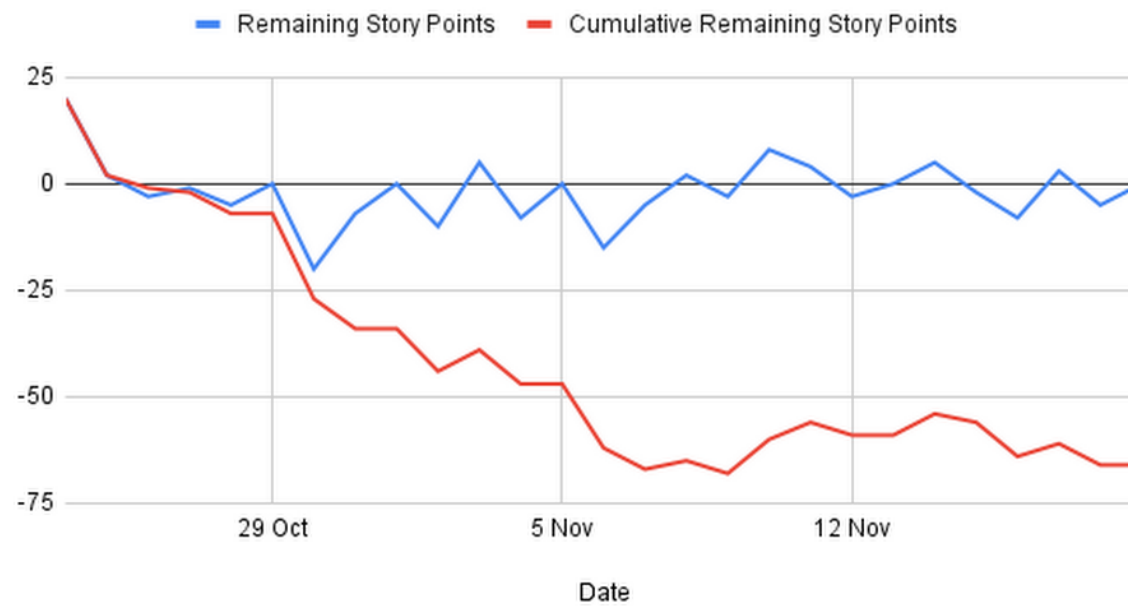
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	18	04 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	15	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

We have a 26 -day sprint duration, and the velocity of the team is 6 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)
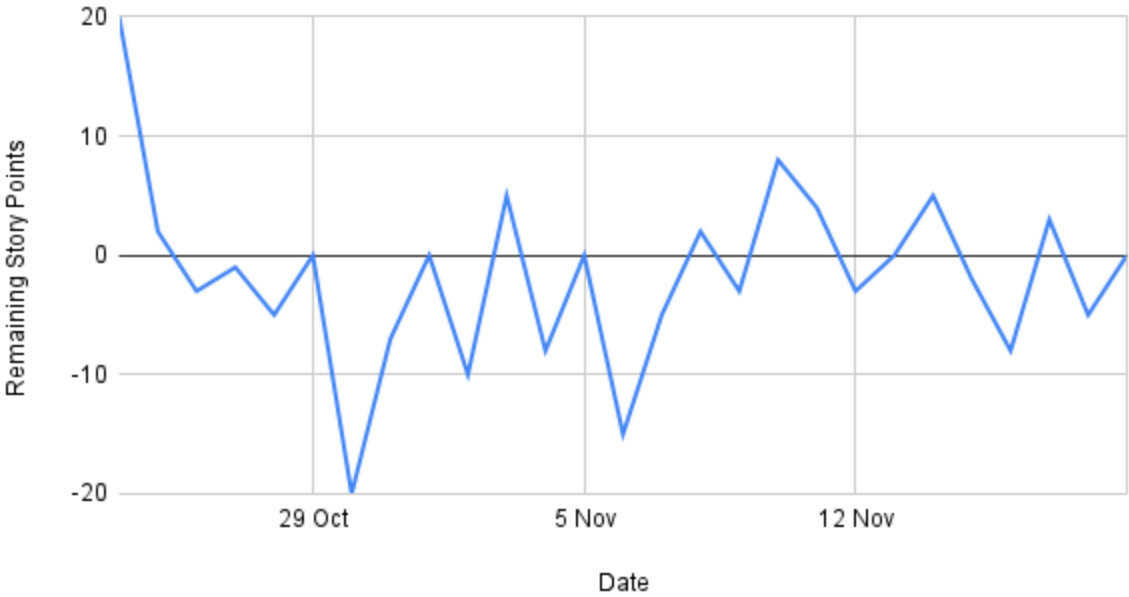
AV = SPRINT DURATION/VELOCITY=6/20=0.3

Burndown Chart:

Remaining Story Points and Cumulative Remaining Story Points

Remaining Story Points vs Date

Cumulative Remaining Story Points vs Date

Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts