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

Date	26 October 2023
Team ID	PNT2022TMID591106
Project Name	Project - An Android Application For Keeping Up With The Latest Headlines
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	As a new user, I want to be able to create an account.	5	High	DEVA HARSHA
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	4	High	SAHITHYA
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	DEVA HARSHA, SAHITHYA
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	DEVA HARSHA
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	2	High	SAHITHYA
Sprint-1	Fetch News	USN-6	As a user, I want to see the latest news articles.	2	High	DEVA, SAHITHYA
Sprint-2	Breaking News alerts	USN-7	As a user, I want to receive push notifications for breaking news.	1	Medium	DEVA HARSHA
Sprint-2	User data privacy	USN-8	As a user, I want assurance that my data is secure.	1	Medium	SAHITHYA

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	15	8 Days	28 Oct 2023	04 Nov 2023	15	04 Nov 2023
Sprint-2	4	4 Days	05 Nov 2023	08Nov 2023	4	08 Nov 2023

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)
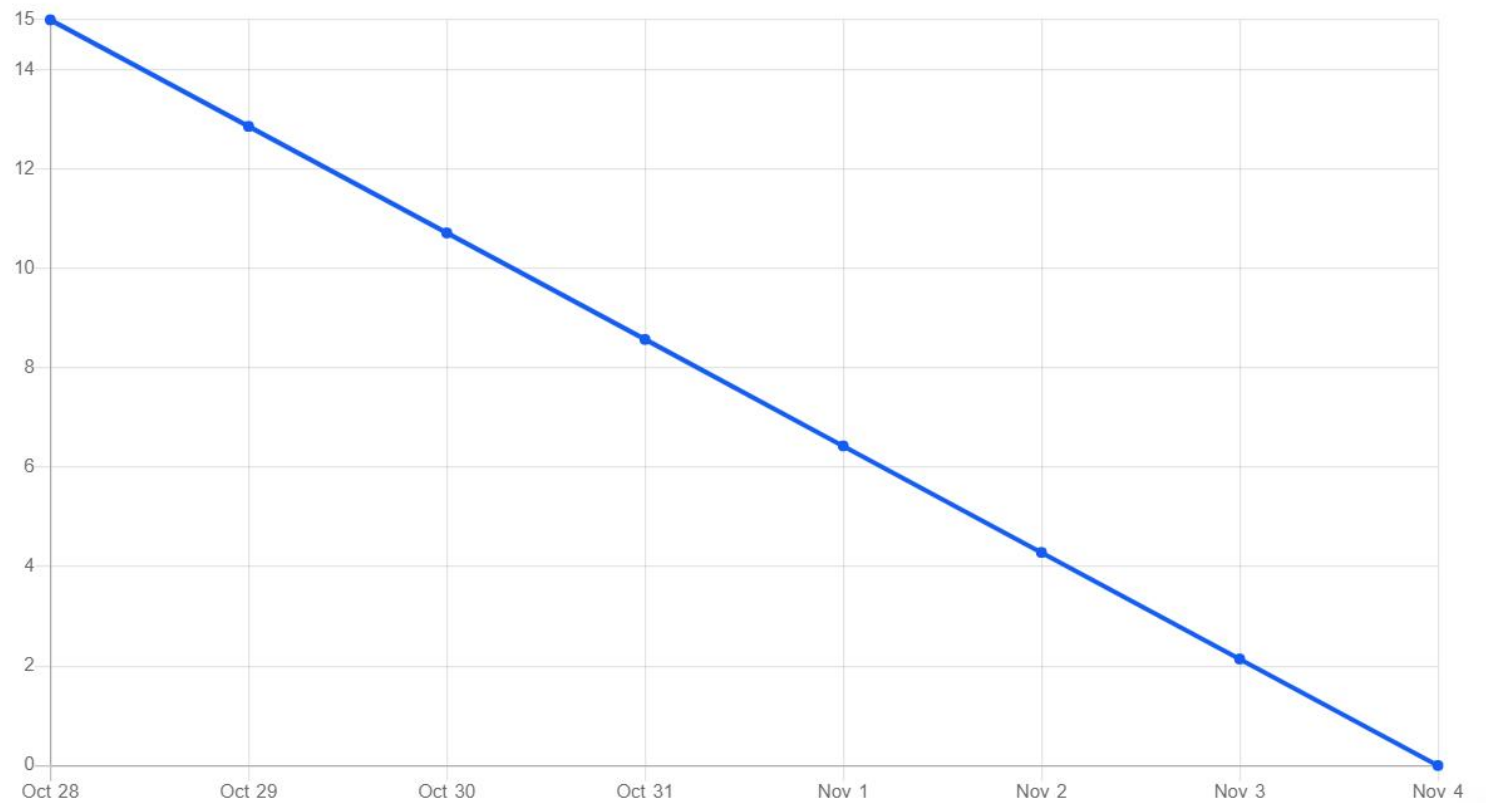
$$AV = SPRINT\ DURATION/VELOCITY$$

$$= 15/8$$

$$\underline{\textit{= 1.88}}$$

Burndown Chart:

A burndown chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

Burndown Chart