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

Date	17 October 2023
Team ID	NM2023TMID05070
Project Name	Analysing The Performance & Efficiency Of The Radisson Hotels Using Data Visualization Techniques Using IBM COGNOS
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	Registration	USN-1	Data Collection & Extraction From Database	3	Medium	M2
Sprint-1			Data Preparation	7	Medium	M2
Sprint-2		USN-2	Data Visualization and story creation	10	High	TL
Sprint-3		USN-3	UI creation and web integration	10	High	M1
Sprint-4		USN-4	Performance testing	6	Medium	M2
	Dashboard		Report and dashboard creation	4	Low	TL

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start	Sprint End	Story Points	Sprint Release Date

			Date Date Completed (as on (Planned) Planned End Date)	(Actual)
Sprint-1	10	1 Day	16 Oct 2023 16 Oct 2023 16 Oct 2023	16 Oct 2023
Sprint-2	10	1 Day	17 Oct 2023 17 Oct 2023 17 Oct 2023	17 Oct 2023
Sprint-3	10	1 Day	18 Oct 2023 18 Oct 2023 18 Oct 2023	18 Oct 2023
Sprint-4	10	1 Day	19 Oct 2023 19 Oct 2023 19 Oct 2023	19 Oct 2023

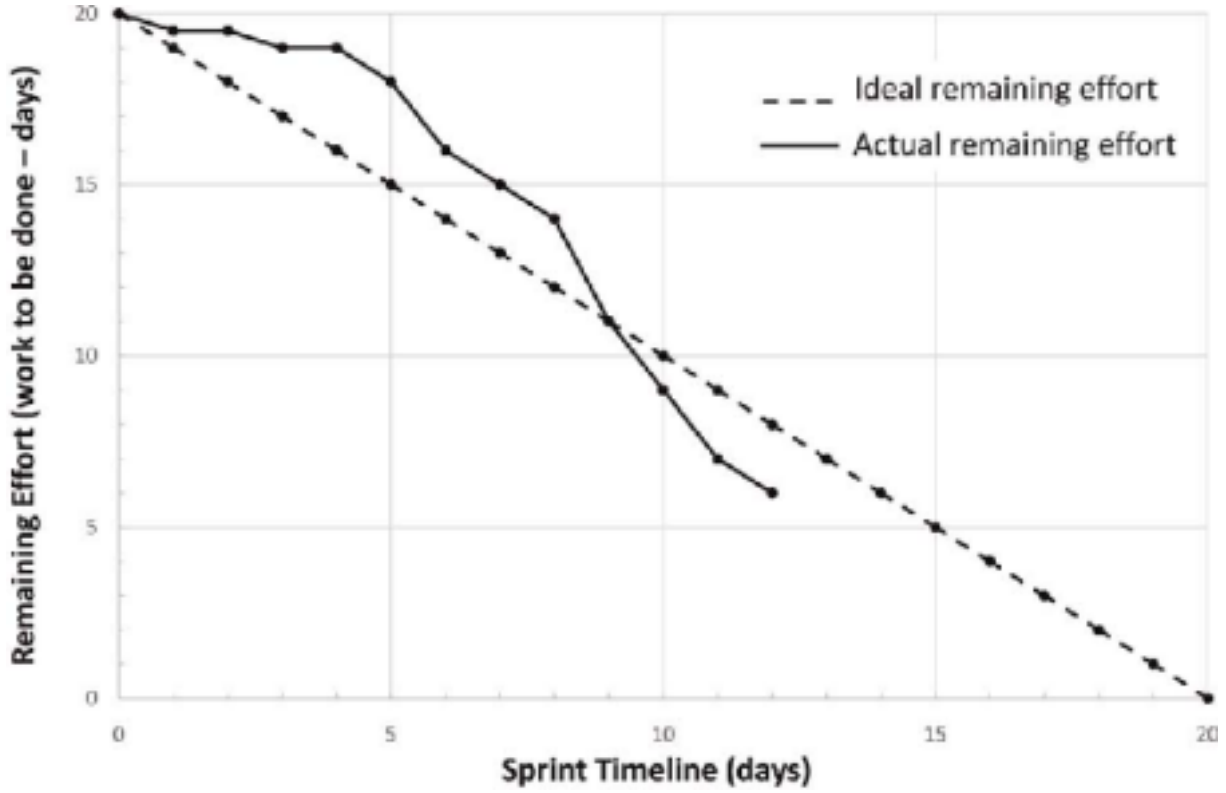
Velocity:

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).

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{10}{10} = 1$$

Burndown Chart:

A burn down 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.


Ideal remaining effort
Actual remaining effort
Remaining Effort (work to be done – days)
Sprint Timeline (days)
0
5
10
15
20