Project Planning Phase

Date	25 November 2022
Team ID	PNT2022TMID14548
Project Name	Project – IOT-Based Safety Gadget for Child Safety Monitoring and Notification
Maximum Marks	4 Marks

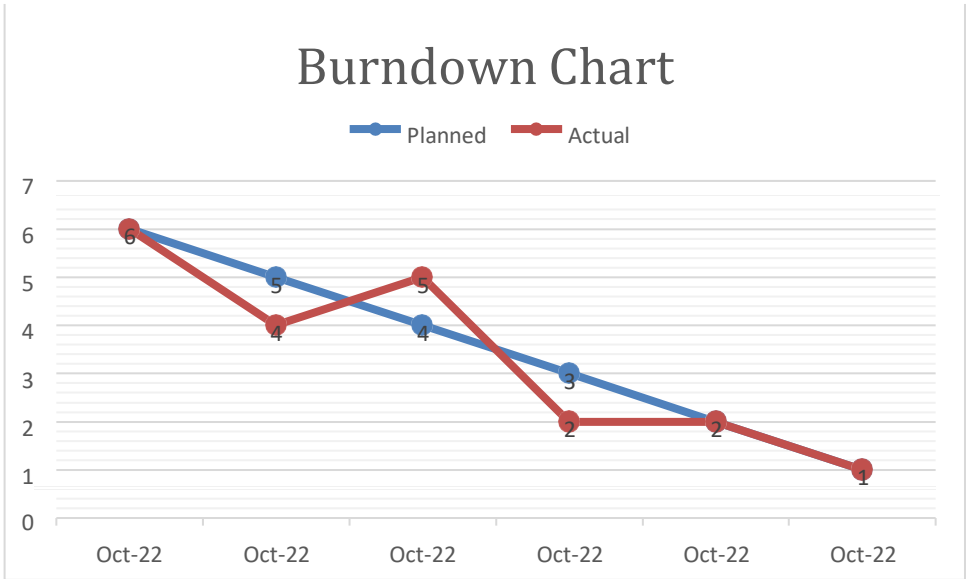**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

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	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	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:

Burndown Chart

		Tasks	
	Time		
Day	Dates	Planned	Actual
Mon	Oct-22	6	6
Tue	Oct-22	5	4
Wed	Oct-22	4	5
Thurs	Oct-22	3	2
Friday	Oct-22	2	2
Saturday	Oct-22	1	1