PROJECT PLANNING PHASE

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

Date	22 October 2022
Team ID	PNT2022TMID31751A
Project Name	Project – Car Resale Value Prediction
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Below template shows 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 user, I can enter into the website with the help of the Google chrome browser in Windows	2	High	4

Sprint-1	Registration	USN-2	As a user, I can enter into the website through browser in Android	1	High	4
Sprint-1	Registration	USN-3	As a user, I can enter into the website through browser in ios	2	Medium	4
Sprint-1	Login	USN-4	As a user, I can find the car resale value prediction page on the website	1	High	4
Sprint-2	Home Page	USN-5	As a user, I need to select the parameters like Year, Showroom price, Kilometres driven, fuel type etc and click on the submit button	2	High	4

Sprint-3	Home Page	USN-6	As a user, I can see the accurate price for car resale after entering the details.	2	High	4
Sprint-4	Home Page	USN-7	As a user, If I made a mistake while providing the details, I can reset the details and click the submit button.	1	Low	4

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

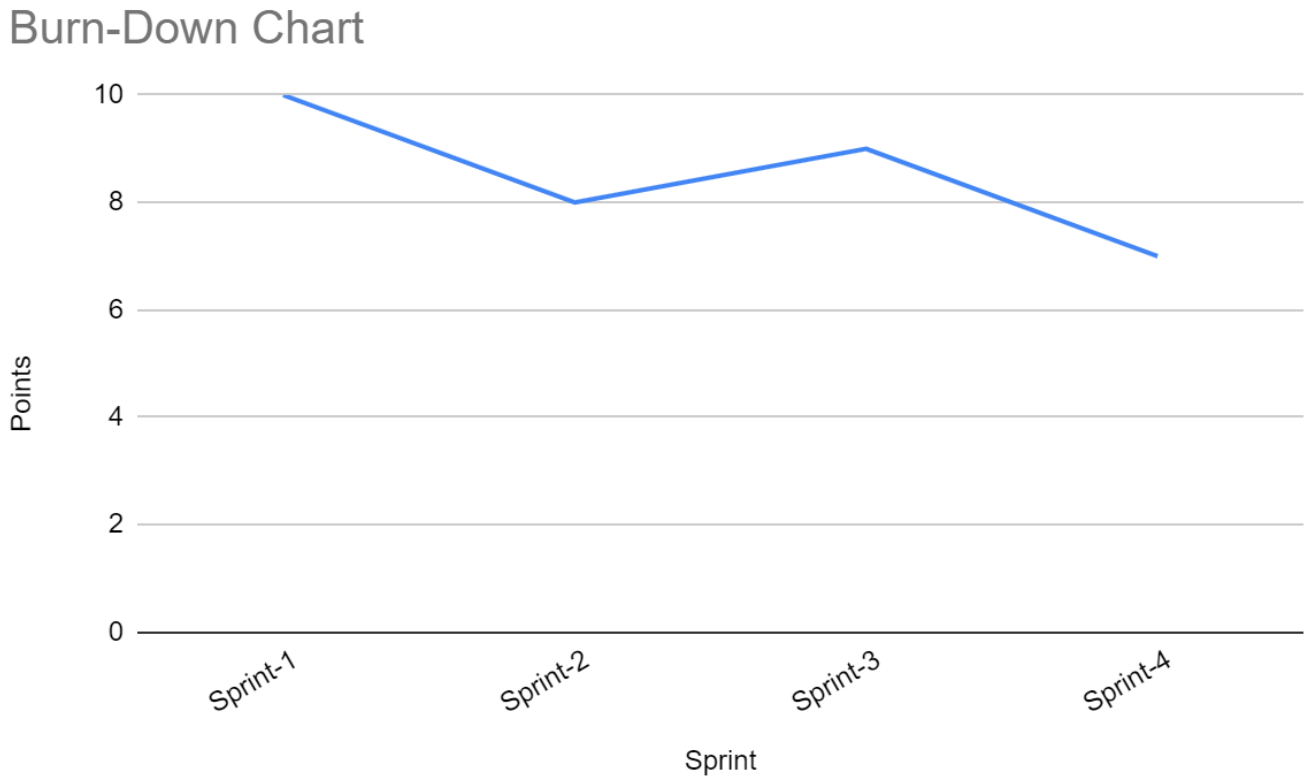
Velocity:

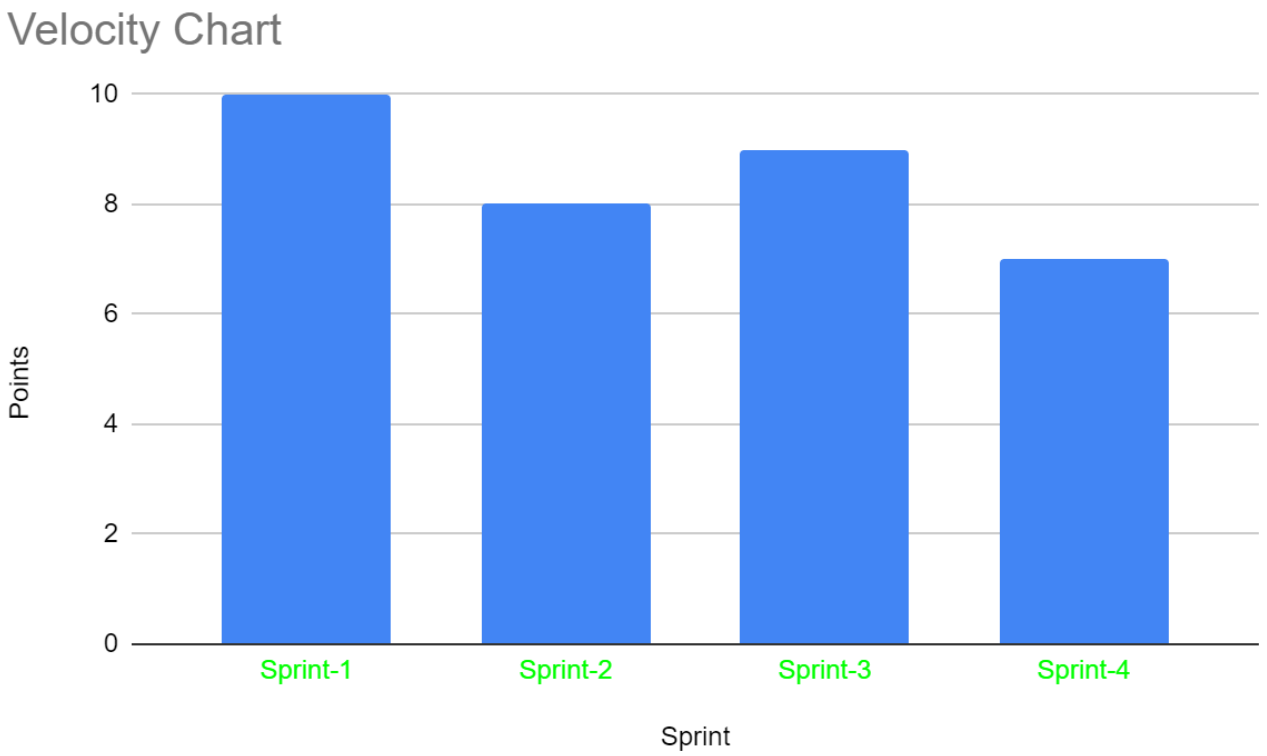
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

Burndown Chart:

A burn-down chart represents 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.




Velocity Chart
10
8
6
4
2
0
Points
Sprint-1
Sprint-2
Sprint-3
Sprint-4
Sprint