Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID21553
Project Name	Project – Car Resale Value Prediction
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	Search	USN-1	As a user, I can find all the available car models as the result of a search	2	High	Shubhavya K, Sivaranjani S, Parameshwaran T R, Vighnesh A K
Sprint-1	Display	USN-2	As a user, I can get all the details of a selected car model	1	High	Shubhavya K, Sivaranjani S, Parameshwaran T R, Vighnesh A K
Sprint-2	Result	USN-3	As a user, I can see all the predicted results	2	High	Shubhavya K, Sivaranjani S, Parameshwaran T R, Vighnesh A K
Sprint-1	Analyse	USN-4	As an administrator, I can save the details of the users to give them best suggestions	2	Medium	Shubhavya K, Sivaranjani S, Parameshwaran T R, Vighnesh A K

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	10 Days	24 Oct 2022	03 Nov 2022	20	20 Nov 2022
Sprint-2	20	10 Days	03 Nov 2022	13 Nov 2022	20	20 Nov 2022

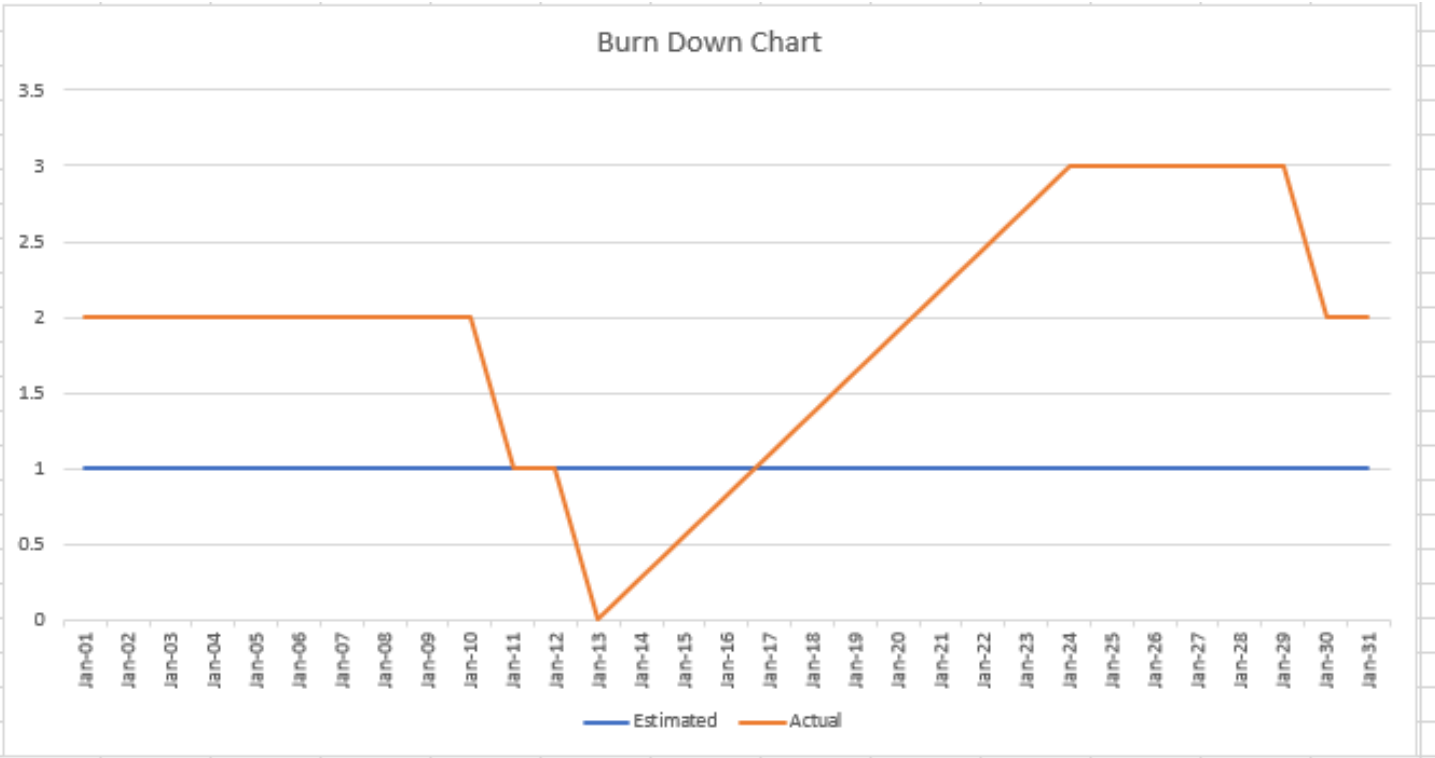
Velocity:
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

Average velocity = Sprint duration / velocity = 20/10 = 2

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.

Day	dates	Estimated	Actual
Monday	Oct-24	1	3
Tuesday	Oct-25	1	3
Wednesday	Oct-26	1	3
Thursday	Oct-27	1	3
Friday	Oct-28	1	3
Saturday	Oct-29	1	3
Sunday	Oct-30	1	2
Monday	Oct-31	1	2
Tuesday	Nov-01	1	2
Wednesday	Nov-02	1	2
Thursday	Nov-03	1	2
Friday	Nov-04	1	2
Saturday	Nov-05	1	2
Sunday	Nov-06	1	2
Monday	Nov-07	1	2
Tuesday	Nov-08	1	2
Wednesday	Nov-09	1	2
Thursday	Nov-10	1	2
Friday	Nov-11	1	1
Saturday	Nov-12	1	1
Sunday	Nov-13	1	0



https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

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

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