

Project Planning Phase

Project Planning Template (Sprint Planning)

Date	26 October 2022
Team ID	PNT2022TMID12879
Project Name	Project – Visualizing and Predicting Heart Diseases with an Interactive Dashboard
Maximum Marks	8 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	30	6 Days	24 Oct 2022	29 Oct 2022	30	29 Oct 2022
Sprint-2	10	6 Days	31 Oct 2022	05 Nov 2022	10	05 Nov 2022
Sprint-3	40	6 Days	07 Nov 2022	12 Nov 2022	30	14 Nov 2022
Sprint-4	25	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022
Sprint-5	50	5 Days	20 Nov 2022	25 Nov 2022	40	01 Dec 2022
Sprint-6	20	6 Days	26 Nov 2022	02 Dec 2022	20	05 Dec 2022

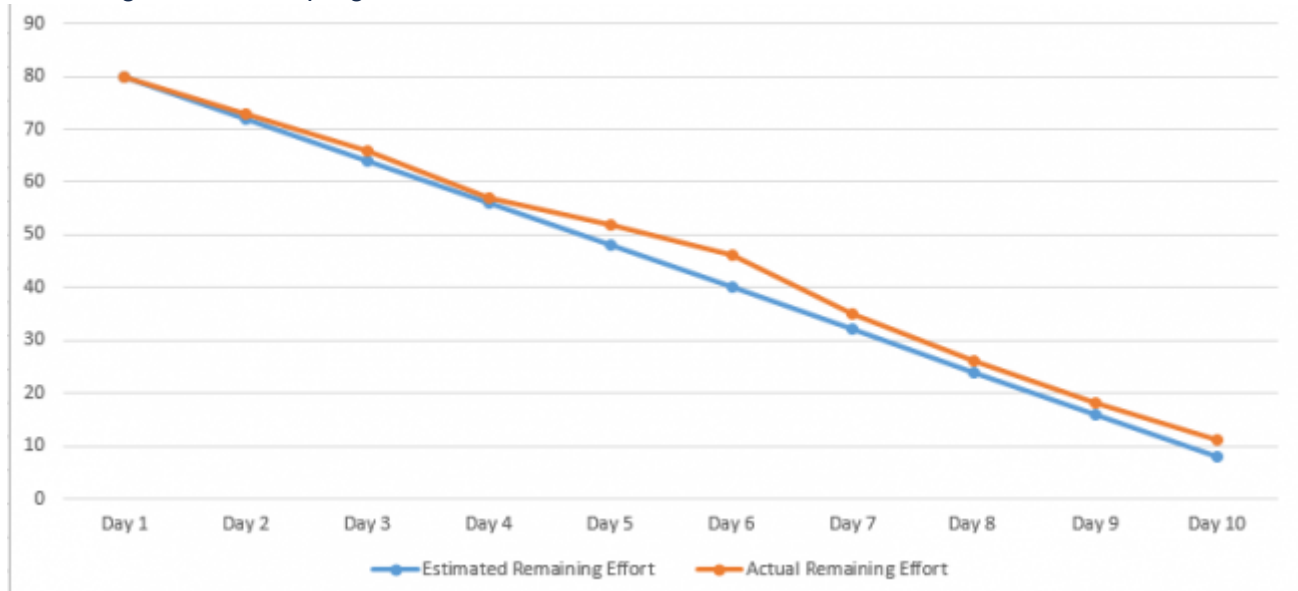
Velocity:

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)

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

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.



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

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

https://www.google.com/search?q=burndown+chart:&source=lnms&tbn=isch&sa=X&ved=2ahUKEwiEr4WJ-pT7AhV71jgGHdRoA_IQ_AUoAXoECAIQAw&biw=1360&bih=657&dpr=1#imgsrc=LocmaUw2stH3CM

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>