

Project Planning Phase

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

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|---------------|-----------------------------|
| Date | 12 November 2022 |
| Team ID | PNT2022TMID43381 |
| Project Name | GLOBAL SALES DATA ANALYTICS |
| 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 | To clean and effective use the dataset to derive the insights | USN-1 | Understanding and loading of the dataset to IBM COGNOS platform | 1 | High | Naveen ,Duraikkannan ,Kamalesh ,Vignesh |
| Sprint-2 | To work with the dataset | USN-2 | Preprocessing of the dataset | 1 | Medium | Naveen ,Duraikkannan ,Kamalesh ,Vignesh |
| Sprint-3 | Data visualization | USN-3 | EDA- Creating Dashboard to demonstrate the illustrations | 2 | High | Naveen ,Duraikkannan ,Kamalesh ,Vignesh |
| Sprint-4 | Offer insights in the form of charts or graphs to provide meaningful information | USN-4 | Report generation | 2 | High | Naveen ,Duraikkannan ,Kamalesh ,Vignesh |
| Sprint-5 | To create scenes that visualize your data and to tell a narrative. | USN-5 | Story creation | 2 | High | Naveen ,Duraikkannan ,Kamalesh ,Vignesh |

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 | 6 | 29 Oct 2022 |
| Sprint-2 | 20 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 4 | 05 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 3 | 12 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 2 | 19 Nov 2022 |
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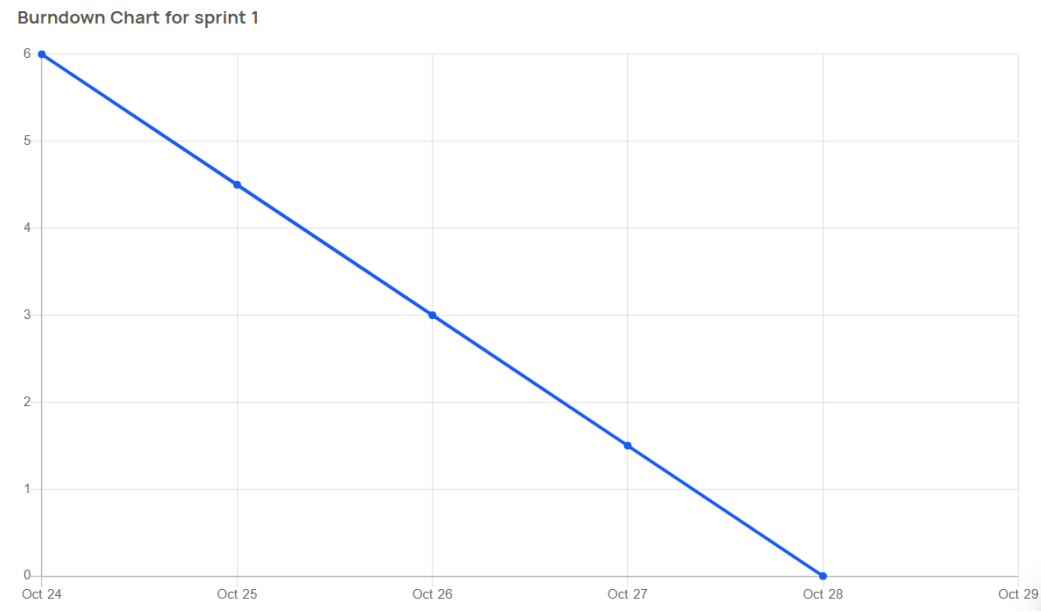
Velocity:

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)

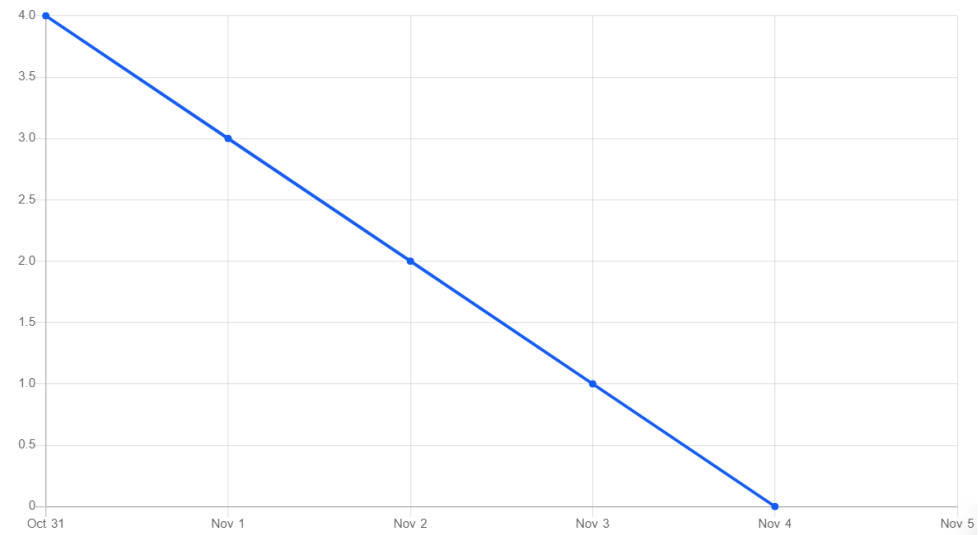
$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

Burndown Chart:

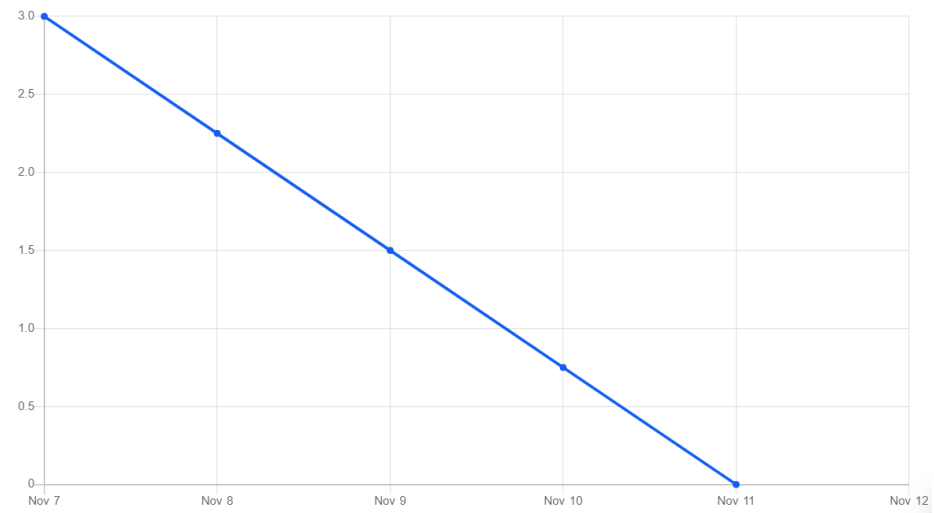
A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.



Burndown Chart for sprint 2



Burndown Chart for sprint 3



Burndown Chart for sprint 4

