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

Product Backlog, Sprint Schedule, and Estimation:

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority
Sprint -1	Registration	USN -1	As a user, I can register for the application by entering my email, password, and confirming my password.	5	High
Sprint -1	Login	USN -2	As a user, I will receive confirmation email onceI have registered for the application, and I can log into the application by entering email & password	5	High
Sprint -1	Data Collection	USN -3	As a user, I need to gather the data in the form of CSV/XLS files and clean the data to remove the null values	10	Low
Sprint -2	Upload Dataset	USN -4	As a user, I will upload the data to IBM Cognosand view the data of the products	5	Medium
Sprint -2	Data preparation	USN -5	As a user, I need to filter the data for visualization in IBM Cognos	5	High
Sprint -2	Data Visualization	USN -6	As a use, I can easily visualize the data in the foím of chaíts and gíaphs thíough IBM Cognos	10	High
Sprint -3	Dashboard	USN -7	As a useí, I will cíeate the dashboaíds based on the given data in IBM Cognos	5	High
Sprint -3	Dashboard	USN -8	As a user, I must plan visualizations in a way that I'm able to gain insights regarding the sales based upon the category of sales and the respective region	5	Medium
Sprint -3	Dashboard	USN -9	As a user, I must be able to gain insights from the charts/graphs through a variety of relationships established in the dashboard.	10	Medium

Sprint -4	Prediction	USN -10	As a user, I will predict the specific product's future sales expectation.	5	Medium
Sprint -4	Final Analysis	USN -11	As a user, I can Analyse the list of categorized products and their details as a report.	5	High
Sprint -4	Report	USN -12	As a user, I can prepare the product and customer description information and more additional information as a Report	10	High

Project Tracker, Velocity & Burndown Chart

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	30 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	06 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	13 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 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)

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

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.

[What is Burndown Chart in Scrum? (visual-paradigm.com)](#)
[Learn burndown charts with Jira Software | Atlassian](#)