

## Project Planning Phase

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

Date	11 November 2022
Team ID	PNT2022TMID26404
Project Name	Global Sales Data Analytics.
Maximum Marks	8 Marks

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

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	Registration	USN-1	User can register for the application by entering my email and password	2	High	Priyadarshan V J, Kannan K
		USN-2	User will receive email if the registration is successful that the registration has confirmed.	2	Medium	Lavanya O, Mothishwaran K
	Login	USN-3	As a user, I can register by any browser.	4	High	Lakshmanan S
	Working with the Dataset	USN-4	To work on the given dataset, Understand the Dataset.	2	High	Priyadarshan V J, Kannan K
		USN-5	Load the dataset to Cloud platform then Build the required Visualizations.	10	High	Lavanya O, Mothishwaran K
Sprint-2	Data Visualization Chart	USN-6	Using the Global superstore dataset, create various graphs and charts to highlight the insights and visualizations. *Build a Visualization to showcase sales, profit, by different models	4	High	Lakshmanan S

		USN-7	*Showcase the data visualization in different wise in sales in country using line and bar chart, subcategory wise, sales vs profit and by countries	4	Medium	Priyadarshan V J, Kannan K
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Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1		USN-8	Build the data visualization in regional quantity using radarchart, using word cloud display the country wise sales and sales dashboard	4	Medium	Lakshmanan S Lavanya O
Sprint-3	Creating The dashboard	USN-9	Create the Dashboard by using the created visualizations.	20	High	Priyadarshan V J, Kannan K
Sprint-4	Export The Analytics	USN-10	Export the created Dashboard	20	High	Mothishwaran K

#### Project Tracker, Velocity & Burn down 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:

We have a 24-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)

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$$AV = \text{Sprint Duration} / \text{Velocity} = 20 / 10 = 2$$

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**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.

