

## Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID30128
Project Name	Project - Global Sales Data Analytics
Maximum Marks	8 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Sankar Ram R, Ajay P, Madhavan MK, Dhatchanamoorthy U
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Sankar Ram R, Ajay P, Madhavan MK, Dhatchanamoorthy U
Sprint-2	Registration	USN-3	As a user, I can register for the application through Gmail	2	Medium	Sankar Ram R, Ajay P, Madhavan MK, Dhatchanamoorthy U
Sprint-2	Login	USN-4	As a user, I can log into the application by entering email & password	1	High	Sankar Ram R, Ajay P, Madhavan MK, Dhatchanamoorthy U
Sprint-3	Dashboard	USN-5	User can able to see the upload dataset option in the browser	2	Low	Sankar Ram R, Ajay P, Madhavan MK, Dhatchanamoorthy U
Sprint-3	Exploring and preparing the data	USN-6	Exploring the dataset and handling the missing values in the dataset	2	Medium	Sankar Ram R, Ajay P, Madhavan MK, Dhatchanamoorthy U
Sprint-4	Visualizing the data	USN-7	Comparing various data and analyzing the trend and pattern then visualizing it.	2	High	Sankar Ram R, Ajay P, Madhavan MK, Dhatchanamoorthy U
Sprint-4	Creating dashboard	USN-8	From the insights of visualization, creating interactive dashboards.	3	High	Sankar Ram R, Ajay P, Madhavan MK, Dhatchanamoorthy U

**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	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:**

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)

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