

Project Planning Phase Sprint Delivery Plan

Date	18 October 2022
Team ID	PNT2022TMID53263
Project Name	Project - 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	Registration	USN-1	As a user, I need a token to activate my software.	5	High	Pavan Kumar Malasani Sannapaneni Kundan Sai Chowdary
Sprint-1	Activation	USN-2	As a user, I want the token to work properly.	5	High	Pavan Kumar Malasani Sannapaneni Kundan Sai Chowdary
Sprint-2	Dashboard	USN-3	As a user, I need my application to take in a CSV file.	20	High	Bhumireddy Nandini Swapna T
Sprint-1		USN-4	As a user, I want visualization to be generated.	10	High	Pavan Kumar Malasani Sannapaneni Kundan Sai Chowdary
Sprint-3		USN-5	As a user, I want to enter manual insights.	20	Low	Bhumireddy Nandini Sannapaneni Kundan Sai Chowdary
Sprint-4		USN-6	As user , I want the software to learn from previous insights and try to give one on own.	20	Low	Pavan Kumar Malasani Swapna T

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		
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	6 Days	14 Nov 2022	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)

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

Sprint-1:

Av for sprint 1= Total story points /Sprint Duration = 20/6=3.333

Sprint-2:

Av for sprint 2= Total story points /Sprint Duration = 20/6=3.333

Sprint-3:

Av for sprint 3= Total story points /Sprint Duration = 20/6=3.333

Sprint-4:

Av for sprint 4= Total story points /Sprint Duration = 20/6=3.333

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.

