Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	9 March 2025
Team ID	PNT2025TMID06655
Project Name	Global Malnutrition Trends :A Power BI Analysis(1983-2019)
Maximum Marks	5 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	Data Collection	USN-1	As a data analyst, I want to collect malnutrition data from reliable sources.	2	High	Arati Deote
Sprint-1	Data Cleaning	USN-2	As a data analyst, I want to clean and preprocess the collected data so that it is free from errors and ready for visualization.	3	High	Sayali Wankhade
Sprint-1	Data Preparation	USN-3	Data must be complete, accurate, cleaned (no duplicates or missing values), properly formatted, and optimized for efficient processing.	2	Medium	Pooja Thakre
Sprint-2	Data Visualization	USN-4	As a data analyst, I want to visualize global malnutrition trends using Power BI so that I can generate meaningful insight.	5	High	Pooja Thakre
Sprint-2	Dashboard Creation	USN-5	As a data analyst, I want to create Dashboard for the proper visualization.	5	High	Pawan Gore
Sprint-2	Design Report	USN-6	Create report for policymaker.	3	High	Sayali Wankhade
Sprint-2	Performance Testing	USN-7	Check all the data like how many amount of data load, utilization of filters, no of visualization/ Graphs.	2	Medium	Arati Deote

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	3 Hrs	9 Mar 2025	9 Mar 2025	20	7 Mar 2025
Sprint-1	20	3 Hrs	9 Mar 2025	9 Mar2025	20	7 Mar 2025
Sprint-1	20	2 Hrs	10 Mar 2025	10 Mar 2025	20	7 Mar 2025
Sprint-2	20	5 Hrs	10 Mar 2025	11Mar 2025	20	7 Mar 2025
Sprint-2	20	1Day	11 Mar 2025	11 Mar2025	20	7 Mar 2025
Sprint-2	20	1 Day	12 Mar 2025	12 Mar 2025	20	7 Mar 2025
Sprint-2	20	1 Day	12 Mar 2025	13Mar 2025	20	7 Mar 2025

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)

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