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

Date	15 February 2025
Team ID	LTVIP2025TMID27587
Project Name	Global Malnutrition Analysis
Maximum Marks	5 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	Data Collection & Extraction From Database	USN-1	As a user, I want to extract data from the database, So that I can use it for analysis and reporting.	1	Low	sameenamohommed
Sprint-1	Data Preparation	USN-2	As a user, I should clean and transform raw data, So that it is accurate, consistent, and ready for analysis.	2	Medium	madanabalaharini
Sprint-1	Data Visualization	USN-3	As a user,I should generate charts and graphs,So that I can understand trends and insights easily..	3	High	MOODI NANDHINI
Sprint-1	Dashboard	USN-4	As a user, I should create a dashboard with key metrics,So that I can monitor data insights in one place.	3	Medium	Deepthi Kolli
Sprint-1	Design of Report	USN-5	As a user, I want to create a structured report,So that I can present my findings clearly.	2	Medium	MOODI NANDHINI
Sprint-2	Amount Of Data Loaded	USN-6	As a user,I should load and manage large datasets efficiently, So that I can ensure smooth performance and accurate analysis.	2	Medium	Deepthi Kolli
Sprint-2	Utilizations Of Filters	USN-7	As a user,I should apply filters to refine data,So that I can analyze specific trends effectively.	2	Medium	sameenamohommed

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	No of Visualization/graphs	USN-8	I should create multiple visualizations, So that I can represent data insights effectively.	3	High	madanabalaharini
Sprint-2	Project Demonstration & Documentation	USN-9	I should document and present my project, So that others can understand my findings and methodology.	3	High	Deepthi Kolli

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	4 Days	24 Feb 2025	28 Feb 2025	11	28 Feb 2025
Sprint-2	20	5 Days	1 Mar 2025	05 Mar 2025	10	05 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)

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